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ABSTRACT

This document presents data on enrollment and graduation rates in U.S. undergraduate and graduate nursing programs in 34 tables. Data are based on a 1998 survey of 531 public and private universities and four-year colleges. Introductory information includes definitions of terms used in the survey, Carnegie classification definitions, and a description of the survey methodology. Highlights of the data are then identified for the following areas: (1) fall 1998 enrollment and graduations; two-year comparisons in enrollment and graduations; (3) five-year trends in enrollment and graduations; (4) nurse practitioner enrollment and graduations; (5) master's programs; (6) master's enrollment and graduations by major area of study; (7) two-year comparisons of master's enrollment and graduations by major area of study; (8) master's nurse practitioner enrollment and graduations by specialty area; (9) post-base registered nurse (certificate) enrollment and completions by specialty area; (10) post-master's nurse practitioner enrollment and completions; (11) employment status of graduates; and (12) fall 1998 applicants not accommodated by generic (entry-level) baccalaureate and master's nurse practitioner programs. Appended are a list of schools with baccalaureate and graduate programs who provided data for the report and a list of entities other than schools of nursing that provided data on nurse practitioners for the report. (DB)

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ENROLLMENT AND GRADUATIONS

in Baccalaureate and Graduate Programs in Nursing

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American Association of Colleges of Nursing

1998-1999

ENROLLMENT AND GRADUATIONS

IN

Baccalaureate and Graduate Programs in Nursing

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Please note that all data in this publication pertaining to nurse practitioner educational programs are the result of a collaborative effort between the

AMERICAN ASSOCIATION OF COLLEGES OF NURSING

and the

NATIONAL ORGANIZATION OF NURSE PRACTITIONER FACULTIES

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Special gratitude goes to all individuals who responded to this survey. We are acutely aware of the effort required for this task. However, their willingness to complete the survey and to meet our deadlines is critical to produce a timely report.

Consultation on collection and analysis of the nurse practitioner data presented in this report was provided by the National Organization of Nurse Practitioner Faculties (NONPF). Special acknowledgement goes to Doreen Harper, PhD, RN, CS, ANP, FAAN for her efforts. This joint collection and reporting of the nurse practitioner enrollment and graduation data signifies the collaboration between AACN and NONPF to produce a single and most complete repository of data on nurse practitioner educational programs.

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Definition of Terms

ACADEMIC HEALTH CENTER:
As defined by the Association of Academic Health Centers, an academic health center is "an institution that includes a school of medicine, a teaching hospital, and at least one additional health education program"–in our case, nursing. Each health school generally maintains separate identity and autonomy.

NON-BACCALAUREATE PROGRAMS:

LPN (LVN)
A program requiring at least one year of full-time equivalent coursework, the completion of which results in a diploma or certificate of completion and eligibility to apply for licensure as a Licensed Practical/Vocational Nurse.

LPN to Associate Degree in Nursing (ADN)
A program that admits licensed practical nurses and, at completion, awards an associate degree in nursing (e.g., ADN, ASN, AAN, etc.).

RN Diploma
A program requiring two to three years of full-time equivalent coursework, usually within a hospital-based structural unit, the completion of which results in a diploma or certificate of completion and eligibility to apply for licensure as a Registered Nurse.

Associate Degree in Nursing (ADN)
A program requiring at least two academic years of full-time equivalent college academic work, the completion of which results in an associate degree in nursing (e.g., ADN, ASN, AAN, etc.).

BACCALAUREATE PROGRAMS:

Generic (Basic or Entry-Level) Baccalaureate
A program of instruction that admits students with ***no previous nursing education*** and requires at least four but not more than five academic years of full-time equivalent college academic work, the completion of which results in a baccalaureate nursing degree (e.g., BSN, BS, BA, etc.).

Accelerated BSN for *nonnursing* college graduates
A program that admits students with baccalaureate degrees and with ***no previous nursing education*** and, at completion, awards a baccalaureate degree in nursing. "Accelerated" programs accomplish the programmatic objectives in a shorter time frame than the traditional program, usually through a combination of "bridge"/transition courses and core courses.

LPN (LVN) to BSN
A program that admits licensed practical nurses and, at completion, awards a baccalaureate degree in nursing (e.g., BSN, BS, BA, etc.).

RN to BSN (RN Baccalaureate; RN Completion)
A program that admits registered nurses with associate degrees or diplomas in nursing and awards a baccalaureate degree in nursing (e.g., BSN, BS, BA, etc.).

Accelerated RN to BSN
A program that admits registered nurses with associate degrees or diplomas in nursing and awards a baccalaureate degree in nursing (e.g., BSN, BS, BA, etc.). "Accelerated" programs accomplish the programmatic objectives in a shorter time frame than the traditional program, usually through a combination of "bridge"/transition courses and core courses.

RN to BSN External Degree
A program that admits registered nurses and awards a baccalaureate degree in nursing (e.g., BSN, BS, BA, etc.) by transcript evaluation or academically acceptable cognitive and performance examinations. The entire degree can be earned through examination; however, many students combine college coursework and examination.

MASTER'S PROGRAMS:

Master of Science in Nursing (MSN)
A program of instruction that admits students with baccalaureate degrees in nursing (e.g., BSN, BS, BA, etc.) and, at completion, awards a master of science in nursing.

Accelerated BSN to MSN
A program of instruction that admits students with baccalaureate degrees in nursing (e.g., BSN, BS, BA, etc.) and, at completion, awards a master of science in nursing. "Accelerated" programs accomplish the programmatic objectives in a shorter time frame than the traditional program, usually through a combination of "bridge"/transition courses and core courses.

MA in Nursing
A program of instruction that admits students with baccalaureate degrees in nursing (e.g., BSN, BS, BA, etc.) and, at completion, awards a master of arts in nursing.

MS with a Major in Nursing
A program of instruction that admits students with baccalaureate degrees in nursing (e.g., BSN, BS, BA, etc.) and, at completion, awards a master of science with a major in nursing.

Master of Nursing (MN)
A program of instruction that admits students with baccalaureate degrees in nursing (e.g., BSN, BS, BA, etc.) and, at completion, awards a master of nursing.

Master of Education (Nursing) (MEd)
A program of instruction that admits students with baccalaureate degrees in nursing (e.g., BSN, BS, BA, etc.) and, at completion, awards a master of education in nursing.

LPN (LVN) to MSN
A program that admits licensed practical nurses and, at completion, awards a master of science in nursing.

RN to MSN or MN
A program that admits registered nurses without a baccalaureate degree in nursing, and, at completion, awards a master's degree in nursing.

MSN for *nurses* with nonnursing college degrees
A program that admits registered nurses with ***baccalaureate degrees in fields other than nursing*** and, at completion, awards a master's degree in nursing.

MSN for nonnursing college graduates (Generic Master's)
A program that admits students with baccalaureate degrees and with ***no previous nursing education*** and, at completion, prepares them for entry into the profession and awards a master's degree in nursing. Although these programs generally require a baccalaureate degree, a few of these programs admit students without baccalaureate degrees.

Accelerated MSN for nonnursing college graduates
A program that admits students with baccalaureate degrees and with ***no previous nursing education*** and, at completion, prepares them for entry into the profession and awards a master's degree in nursing. Although these programs generally require a baccalaureate degree, a few of these programs admit students without baccalaureate degrees. "Accelerated" programs accomplish the programmatic objectives in a shorter time frame than the MSN for nonnursing college graduates traditional program, usually through a combination of "bridge"/transition courses and core courses.

Dual Degree Master's Programs (MSN, MS, or MN/MBA, MPH, MPA, MHA, MDiv, or JD)
Programs that admit registered nurses with baccalaureate degrees in nursing (e.g., BSN, BS, BA, etc.) and award a master's degree in nursing and a Master of Business Administration, Master of Public Health, Master of Public Administration, Master of Hospital Administration, Master of Divinity, or Juris Doctor.

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DOCTORAL PROGRAMS:

Doctoral
A program of instruction requiring at least three academic years of full-time equivalent academic work beyond the baccalaureate in nursing, the completion of which results in a doctoral degree in nursing (e.g., PhD, DSN, DNS, DNSc, or DN).

Doctor of Nursing (ND)
A *generic* doctoral program with a clinical focus primarily designed for nonnursing baccalaureate-prepared college graduates.

Dual Degree Doctoral Programs
A program of instruction beyond the baccalaureate in nursing, the completion of which results in a doctoral degree in nursing (e.g., PhD, DSN, DNS, DNSc, DN) and a Master of Business Administration.

OTHER PROGRAMS:

Postdoctoral
A program environment for multidisciplinary research training involving more than one unit of a university, and a recruitment plan that will attract the most highly qualified candidates from throughout the nation. Postdoctoral fellows must hold a doctoral degree in nursing and the nursing unit has the ability to demonstrate that graduates of the program remain active in research.

Post-Master's Nurse Practitioner
A formal post-graduate program for the preparation of nurse practitioners that admits registered nurses with master's degrees in nursing, and, at completion, awards either a certificate or other evidence of completion, such as a letter from the program director.

Post-Basic RN (Certificate) Nurse Practitioner
A program for the preparation of nurse practitioners that admits registered nurses *without* master's degrees in nursing, and, at completion, awards a certificate.

NURSING STUDENTS:
Students who have been formally accepted into the nursing program whether or not they have taken any nursing courses.

PRENURSING STUDENTS:
Students who have not been formally accepted into the nursing program.

ENROLLMENT:
The number of full- and part-time students enrolled according to the official fall enrollment figures of the institution, including transfers and readmissions and excluding prenursing students. Full- and part-time status is based on institutional definitions.

GRADUATIONS:
The number of students that met graduation criteria and graduated from August 1, 1997 through July 31, 1998.

CLINICAL NURSE SPECIALIST:
A registered nurse, who, through a graduate degree program in nursing, has developed expertise within a specialty area of nursing practice. In addition to the delivery of direct patient/direct client care, the role may include consultative, educational, research, and/or administrative components.

NURSE PRACTITIONER:
A registered nurse, who, through a graduate degree program in nursing, functions in an independent health care provider role addressing the full range of patient's/client's health problems and needs within an area of specialization.

Carnegie Classification Definitions

Baccalaureate (Liberal Arts) Colleges I: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate degrees programs. They are selective in admissions and award 40 percent or more of their baccalaureate degrees in liberal arts fields.

Baccalaureate (Liberal Arts) Colleges II: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate degrees programs. They are less selective in admissions or they award less than 40 percent of their baccalaureate degrees in liberal arts fields.

Doctoral Universities I: In addition to offering a full range of baccalaureate programs, the mission of these institutions includes a commitment to graduate education through the doctorate. They award at least 40 doctoral degrees annually in five or more academic disciplines.

Doctoral Universities II: In addition to offering a full range of baccalaureate programs, the mission of these institutions includes a commitment to graduate education through the doctorate degree. They award annually at least 10 doctoral degrees-in three or more disciplines-or 20 or more doctoral degrees in one or more disciplines.

Master's (Comprehensive) Universities and Colleges I: These institutions offer a full range of baccalaureate programs and are committed to graduate education through the master's degree. They award 40 or more master's degrees annually in three or more disciplines.

Master's (Comprehensive) Universities and Colleges II: These institutions offer a full range of baccalaureate programs and are committed to graduate education through the master's degree. They award 20 or more master's degrees annually in one or more disciplines.

Research Universities I: These institutions offer a full range of baccalaureate programs, are committed to graduate education through the doctorate degree, and give high priority to research. They award 50 or more doctoral degrees each year. In addition, they receive annually at least $40-million or more in federal support.

Research Universities II: These institutions offer a full range of baccalaureate programs, are committed to graduate education through the doctorate degree, and give high priority to research. They award 50 or more doctoral degrees each year. In addition, they receive annually between $15.5-million and $40-million in federal support.

Professional Schools and Other Specialized Institutions: These institutions offer degrees ranging from the bachelor's to the doctorate. At least 50 percent of the degrees awarded by these institutions are in a specialized field.
Medical schools and medical centers: These institutions award most of their professional degrees in medicine. In some instances, their programs include other health professional schools, such as dentistry, pharmacy, or nursing.
Other separate health profession schools: Institutions in this category award most of their degrees in such fields as chiropractic, nursing, pharmacy, or podiatry.
Other specialized institutions: Institutions in this category include graduate centers, maritime academies, military institutes, and institutions that do not fit any other classification category.

Source: The Carnegie Foundation for the Advancement of Teaching, *A Classification of Institutions of Higher Education, 1994 Edition*, 1994, Princeton University Press, Lawrenceville, New Jersey.

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INTRODUCTION

The American Association of Colleges of Nursing (AACN) was established in 1969 to answer the need for a national organization dedicated exclusively to furthering nursing education in America's universities and four-year colleges. Representing nursing education programs at 535 public and private universities and four-year colleges, AACN assists deans and directors to improve and advance nursing education, research, and practice.

The Institutional Data Systems (IDS) and Research Center is the nucleus of the Association's authoritative national databank. Annually, IDS reports the most current statistics available on student enrollment, graduations, and faculty and staff salaries.

This is the 18th IDS report on enrollment and graduations, and the first to include information about nurse practitioner (NP) programs which is the result of joint efforts between AACN and the National Organization of Nurse Practitioner Faculties (NONPF). The first step in this collaborative initiative is the joint collection and reporting of data on NP programs, enrollment, and graduations. This unprecedented cooperative agreement of joint ownership of NP data is aimed at creating a single source for the authoritative data available on NP programs.

SURVEY METHODOLOGY

The definition of terms used in the questionnaires can be found on page vii. Survey forms were mailed to 665 baccalaureate and higher degree programs in nursing on September 4, 1998. Responses were received from 531 institutions by December 18, 1998.

To ensure the quality of the data, rigorous data cleaning procedures were applied prior to data analysis. Each questionnaire was edited for accuracy and completeness upon receipt. Frequency distributions were obtained on all variables and inspected for outliers. In addition, multiple internal consistency checks were conducted and key variables were compared to 1997 data in order to detect discrepancies and misclassifications. Institutions were contacted in order to resolve inconsistencies and discrepancies. If the problems could not be resolved, these data were excluded from the analysis.

CHARACTERISTICS OF PARTICIPATING INSTITUTIONS

The overall response rates were 80.9 percent for the institutional survey, 79.8 for the enrollment survey, and 79.7 percent for graduations survey (Table 1). The list of institutions that provided enrollment and graduation data may be found in Appendices A and B, and Table 2 summarizes the characteristics of these schools.

Questions about the survey in general, or requests for more specific data to meet the needs of individual institutions through AACN's customized report service, should be directed to Dr. Linda E. Berlin at (202) 463-6930 x225, or via e-mail to lberlin@aacn.nche.edu.

HIGHLIGHTS

Fall 1998 Enrollment and Graduations[1]

Fall 1998 enrollment and graduations data are summarized in Tables 6 and 7. Students enrolled in baccalaureate nursing education programs totaled 113,413. The ratio of full-time to part-time generic (entry-level) baccalaureate students is 6.9:1; the ratio for RN to baccalaureate students is 0.2:1. On the graduate level, master's and doctoral enrollment totaled 32,664 and 2,928, respectively. Almost sixty-six percent (65.9%) of master's students were enrolled part-time. Baccalaureate degree graduates totaled 38,164 and master's degree graduates totaled 10,765. Doctoral programs graduated 411 individuals.

Two-Year Comparisons in Enrollment and Graduations

Two-year changes in enrollment and graduations are based on data from the same schools reporting in both 1997 and 1998.

- Fall 1998 enrollment of generic (entry-level) nursing students in baccalaureate programs decreased by 5.5 percent (N=4,345) (Table 8). This decrease was evident regardless of region (Table 10).

- Graduations from generic (entry-level) baccalaureate programs fell by 4.7 percent (N=1,282) (Table 9).

- RN to baccalaureate degree enrollment decreased by 3.3 percent compared to last year, but graduations increased by 3.8 percent (N=386 individuals) (Tables 8 and 9).

- Full-time master's degree enrollees increased slightly by 3.2 percent (336 individuals), whereas part-time enrollees decreased by 4.7 percent. Overall, total master's degree students decreased by 2.1 percent (N=680) (Table 8). Master's graduations increased by 427 individuals (4.3 %) (Table 9).

- Doctoral enrollment was essentially unchanged (increase of 22 individuals) (Table 8), and graduations decreased by 5.1 percent (22 individuals) compared to last year (Table 9).

- Males constituted 10.5 percent of generic baccalaureate students. The percentage of men in master's and doctoral programs was 8.0 and 5.5, respectively (Table 15).

- Representation from racial or ethnic minority groups, when compared to a matched group of schools reporting in both 1997 and 1998, showed only slight increases for generic baccalaureate, master's, and doctoral programs (0.7, 0.9, and 0.6%, respectively).

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[1] Graduations from August 1, 1997 through July 31, 1998.

Five-Year Trends in Enrollment and Graduations

Five-year trends in enrollment and graduations are based on data from the same schools reporting every year since 1994.

- Trend analysis of enrollment in generic (entry-level) baccalaureate programs in the same 326 schools showed steady decreases (average of 3,616 students per year; p=0.003). Graduates increased by only 136 individuals per year, but no trend was evident (p=0.644) (Table 11).

- RN to baccalaureate enrollment showed no upward or downward trend and changes in the average number of enrollees per year were statistically insignificant. However, RN to baccalaureate graduations showed an upward trend of 397 individuals per year (p=0.004) (Table 12).

- Five-year trends in master's enrollment demonstrated significant increases of 444 students per year in full-time enrollment (p=0.013) and significant decreases of 493 students per year in part-time enrollment (p=0.035). Graduates from master's programs have increased steadily every year, yielding an average increase of 598 individuals annually (p=0.001) (Table 13).

- The pattern in doctoral enrollment and graduations continues to be erratic or random, thereby showing no trend. After considering increases in some years and decreases in other years, the number of enrollees increased by 9 per year, whereas graduates increased by 17 per year (Table 14).

Nurse Practitioner Enrollment and Graduations[2]

- Enrollments in master's-level, post-master's, and post-basic RN (Certificate) nurse practitioner (NP) programs totaled 22,072. Master's-level programs accounted for the majority of enrollees (89%), followed by post-master's (10%), and post-basic RN (1%) programs (Figure 1).

- There were 8,144 NP graduations from August 1, 1997 to July 31, 1998; and master's-level programs accounted for 80 percent of graduates (Figure 2).

- Representation from racial and ethnic minorities accounted for 11.2 percent of NP graduates.

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[2] Information in this report pertaining to nurse practitioners is the result of a collaborative effort between the American Association of Colleges of Nursing and the National Organization of Nurse Practitioner Faculties. All nurse practitioner data are owned jointly by the two organizations.

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Master's Programs (Table 1b)

- In fall 1998, there were **665** institutions with baccalaureate and/or graduate programs in nursing in the United States and its territories. Nationwide, **358 (53.8%)** institutions offered master's programs; of these, **312 (87.1%)** offered master's-level NP and/or post-master's NP programs. The AACN database contains information on 317 (88.5%) institutions with master's programs and 279 (89.4%) schools with master's-level NP and/or post-master's NP programs.

Master's Enrollment and Graduations by Major Area of Study (Table 21)

- NP majors accounted for 56.1 percent (N=18,312) of master's enrollees, and 57.5 percent of master's graduates were NP majors. In addition, there were 1,530 enrollees in master's programs where the NP and Clinical Nurse Specialist (CNS) roles were merged in the curriculum. The 353 graduates from these programs are eligible to sit for both NP and CNS certification examinations.

- CNS, administration, and education majors comprised 10.8, 6.2, and 3.8 percent of master's enrollees, respectively. CNSs accounted for 13.6 percent of master's graduates, followed by administration (6.6%) and nurse-midwifery (3.7%) majors.

Two-Year Comparisons of Master's Enrollment and Graduations by Major Area of Study (Table 22)

Two-year changes in master's enrollment and graduations are based on data from the same schools reporting in both 1997 and 1998.

- Fall 1998 enrollment in master's NP programs showed only a slight increase (1.0%), whereas graduations were up by 15.8% compared to last year.

- Enrollment and graduations in CNS programs fell by 19.4 and 11.7 percent, respectively. Likewise, enrollment in nursing education programs decreased by 6.5 percent and graduates declined by 27.5 percent.

- Case management, health policy/management, and informatics majors also showed increases in both enrollment and graduations compared to 1997.

Master's Nurse Practitioner Enrollment (89% of all NP enrollees) and Graduations by Specialty Area (Table 23a)

- Like previous years, family, adult, and pediatric NP majors accounted for the largest percentages of the 19,607 NP and combined NP/CNS enrollees; 52.0, 17.8, and 8.9 percent, respectively. Not surprisingly, these three specialty areas also comprised the largest percentages of graduates.

Post-Basic RN (Certificate) Enrollment (1% of all NP enrollees) and Completions by Specialty Area (Table 23b)

- Women's health accounted for the largest number of post-basic RN (Certificate) enrollees (N=121, 52.2%), followed by family NP majors (N=110, 47.4%). However, family NP majors accounted for more graduates (N=98, 59.8%) than did women's health majors (N=66, 40.2%).

Post-Master's Nurse Practitioner Enrollment (10% of all NP enrollees) and Completions (Table 24)

- Of the 2,233 post-master's NP students, 48.9 percent (N=1,091) were enrolled in family NP programs, followed by adult (22.5%; N=503) and pediatric programs (7.1%; N=156). The proportions for completions were similar.

Employment Status of Graduates (Table 29)

- Nationwide, the approximate mean percentage of generic baccalaureate graduates with employment commitments upon graduation was 76.8 percent (median=85.0%), while an average of 93.5 percent (median=100%) of master's graduates had employment commitments. For the respondents with master's and/or post-master's nurse practitioner programs, the mean and median percentage employed was 82.3 percent and 90.0 percent, respectively. By region, schools in the North Atlantic reported the lowest percentage (52.8%) and schools in the South reported the highest percentage (71.9%) of employment commitments for three-quarters or more of their generic baccalaureate graduates. Western schools reported the lowest percentage (65.4%) and Midwestern programs reported the highest percentage (76.6%) of employment for three-quarters or more of master's and/or post-master's NP graduates.

Fall 1998 Applicants Not Accommodated by Generic (Entry-Level) Baccalaureate and Master's Nurse Practitioner Programs

- Of the 107 schools that reported reasons for not accepting all qualified applicants to generic baccalaureate nursing programs, 66.4 percent cited that all admission seats were filled, followed by insufficient numbers of faculty (37.4%), a shortage of clinical training sites (26.2%), and/or insufficient classroom space (13.1%) (Table 32). Forty-one institutions with master's-level NP programs named lack of seats as the primary reason for not accepting all applicants (63.4%), followed by insufficient numbers of clinical sites (53.7%); and an inadequate number of faculty (39.0%) and clinical preceptors (31.7%).

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Table 1a. Response Rates for Institutional, Enrollment, and Graduations Surveys for 665 Schools (535 Member and 130 Nonmember).

	SURVEY					
	INSTITUTIONAL		ENROLLMENT		GRADUATIONS	
SCHOOL	NUMBER	(%)	NUMBER	(%)	NUMBER	(%)
Member	458	(85.6)	454	(84.9)	453	(84.7)
Nonmember	80	(61.5)	77	(59.2)	77	(59.2)
Total	538	(80.9)	531	(79.8)	530	(79.7)

Table 1b. Total Schools in the United States and its Territories Offering Baccalaureate and/or Graduate Programs in Nursing by Type of Program and Coverage Rates for the Enrollment Database.

TYPE OF PROGRAM	NUMBER OF SCHOOLS	DATABASE	
		NUMBER	(%)
Generic (Entry-Level) Baccalaureate	520	428	(82.3)
RN to Baccalaureate	613	499	(81.4)
Total Baccalaureate	654	519	(79.4)
Master's	358	317	(88.5)
Master's-Level NP and/or Post-Master's NP Programs	312	279	(89.4)
Total Schools	665	531	(79.8)

Table 1c. Entities Other Than Schools of Nursing Offering Post-Master's and/or Post-Basic RN (Certificate) Nurse Practitioner Programs and Coverage Rates for the Enrollment Database.

TYPE OF PROGRAM	NUMBER OF SCHOOLS	DATABASE	
		NUMBER	(%)
Post-Master's NP	8	8	(100.0)
Post-Basic RN (Certificate)	11	11	(100.0)
Total Entities	13	13	(100.0)

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Table 2. Institutional Characteristics of Member and Nonmember Respondents.

CHARACTERISTIC	MEMBER (N=458) NUMBER	(%)	NONMEMBER (N=80) NUMBER	(%)	TOTAL (N=538) NUMBER	(%)
Type of Institution						
Public	236	(51.5)	37	(46.2)	273	(50.7)
Private Secular	77	(16.8)	11	(13.8)	88	(16.4)
Private Religious	140	(30.6)	32	(40.0)	172	(32.0)
Consortium	5	(1.1)	0		5	(0.9)
Parent Institution						
University	318	(69.4)	41	(51.2)	359	(66.8)
Four-Year College	136	(29.7)	38	(47.5)	174	(32.3)
Other	4	(0.9)	1	(1.3)	5	(0.9)
Description of Program						
Department/Division	219	(47.8)	67	(83.7)	286	(53.1)
Autonomous	221	(48.2)	10	(12.5)	231	(42.8)
Freestanding	14	(3.1)	1	(1.3)	15	(2.7)
Other	4	(0.9)	2	(2.5)	6	(1.4)
Part of Academic Health Center						
Yes	85	(18.6)	0		85	(15.8)
No	373	(81.4)	80	(100.0)	453	(84.2)
Carnegie Classification						
Master's I	175	(38.2)	36	(45.0)	211	(39.2)
Master's II	36	(7.9)	6	(7.5)	42	(7.8)
Doctoral I	22	(4.8)	0		22	(4.1)
Doctoral II	31	(6.8)	0		31	(5.7)
Baccalaureate I	8	(1.7)	2	(2.5)	10	(1.9)
Baccalaureate II	70	(15.3)	30	(37.5)	100	(18.6)
Research I	49	(10.7)	0		49	(9.1)
Research II	19	(4.1)	0		19	(3.5)
Specialized:						
Medical Schools/ Medical Centers	24	(5.2)	0		24	(4.5)
Other Health Professions Schools	17	(3.7)	0		17	(3.2)
Other	3	(0.7)	2	(2.5)	5	(0.9)
No Carnegie Code	4	(0.9)	4	(5.0)	8	(1.5)

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Table 3. Types of Programs Offered.

PROGRAM	MEMBER (N=456) NUMBER	(%)	NONMEMBER (N=79) NUMBER	(%)	TOTAL (N=535) NUMBER	(%)
NON-BACCALAUREATE						
Licensed Practical Nursing	3	(0.7)	2	(2.5)	5	(0.9)
LPN to Associate Degree in Nursing	28	(6.1)	9	(11.4)	37	(6.9)
Associate Degree in Nursing	53	(11.6)	23	(29.1)	76	(14.2)
BACCALAUREATE						
Generic (Entry-Level) Baccalaureate	387	(84.9)	42	(53.2)	429	(80.2)
Accelerated BSN for nonnursing college graduates	69	(15.1)	0		69	(12.9)
LPN to BSN	77	(16.9)	12	(15.2)	89	(16.6)
RN to BSN	382	(83.8)	66	(83.5)	448	(83.7)
Accelerated RN to BSN	108	(23.7)	15	(19.0)	123	(23.0)
RN to BSN External Degree	3	(0.7)	1	(1.3)	4	(0.7)
MASTER'S						
Master of Science in Nursing (MSN)	217	(47.6)	7	(8.9)	224	(41.9)
Accelerated BSN-to MSN	31	(6.8)	0		31	(5.8)
MA in Nursing	6	(1.3)	0		6	(1.1)
Master of Education (Nursing) (MEd)	1	(0.2)	0		1	(0.2)
MS with a Major in Nursing	92	(20.2)	2	(2.5)	94	(17.6)
Master of Nursing (MN)	7	(1.5)	0		7	(1.3)
RN to MSN, MN, or MS	95	(20.8)	1	(1.3)	96	(17.9)
MSN for nurses with nonnursing college degrees	53	(11.6)	1	(1.3)	54	(10.1)
MSN for nonnursing college graduates (Generic Master's)	12	(2.6)	0		12	(2.2)
Accelerated Generic Master's	5	(1.1)	0		5	(0.9)
MSN, MS, or MN/MBA	47	(10.3)	0		47	(8.8)
MSN, MS, or MN/MPH	17	(3.7)	0		17	(3.2)
MSN, MS, or MN/MPA	6	(1.3)	0		6	(1.1)
MSN, MS, or MN/MHA	7	(1.5)	0		7	(1.3)
MSN, MS, or MN/MDiv	2	(0.4)	0		2	(0.4)
MSN/JD	2	(0.4)	0		2	(0.4)
Other	6	(1.3)	0		6	(1.1)
DOCTORAL						
Doctoral[1]	70	(15.4)	0		70	(13.1)
Doctor of Nursing (ND)	3	(0.7)	0		3	(0.6)
PhD/MBA	3	(0.7)	0		3	(0.6)
BSN to PhD	1	(0.2)	0		1	(0.2)
POSTDOCTORAL	17	(3.7)	0		17	(3.2)

[1] Five institutions have collaborative, cooperative, or joint programs with other institutions. These programs are counted as one program.

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Table 4. Degrees Conferred by Schools Offering Doctoral Programs in Nursing.

TYPE OF DEGREE	MEMBER (N=70)[1, 2] NUMBER	(%)
DSN	2	(2.9)
DNS	4	(5.7)
Generic ND	3	(4.3)
DNSc	7	(10.0)
PhD	59	(84.3)
EdD	1	(1.4)

[1] Six schools award two types of doctoral degrees.

[2] Collaborative, cooperative, or joint doctoral programs are counted as one program.

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Table 5. Program Changes in Member and Nonmember Respondent Schools.

PROGRAM CHANGES	MEMBER	NONMEMBER	TOTAL
Programs Planned:	**N=122**	**N=16**	**N=138**
LPN to Associate Degree in Nursing	1	1	2
Generic (Entry-Level) Baccalaureate	5	2	7
Accelerated BSN for nonnursing college graduates	4	0	4
LPN to BSN	9	0	9
RN to BSN	2	0	2
Accelerated RN to BSN	7	1	8
RN to BSN External Degree	1	0	1
Master of Science in Nursing	17	7	24
Accelerated BSN to MSN	7	0	7
MA in Nursing	0	1	1
MS with a Major in Nursing	6	1	7
Master of Nursing (MN)	1	1	2
RN to MSN or MN	21	1	22
MSN for nurses with nonnursing college degrees	4	0	4
MSN for nonnursing college graduates (Generic Master's)	3	0	3
Accelerated Generic Master's	2	0	2
MSN, MS, or MN/MBA	7	1	8
MSN, MS, or MN/MHA	2	0	2
MSN, MS, or MN/MPH	2	0	2
MSN/JD	1	0	1
Doctoral	16	0	16
MSN to PhD	1	0	1
PhD/MBA	1	0	1
Postdoctoral	1	0	1
Doctor of Nursing (ND)	1	0	1
Programs Planning Closure:	**N=20**	**N=2**	**N=22**
LPN to Associate Degree in Nursing	2	0	2
Associate Degree in Nursing	7	2	9
RN to BSN (RN to Baccalaureate; RN Completion)	6	0	6
Master of Science in Nursing	2	0	2
MS with a Major in Nursing	1	0	1
Master of Nursing (MN)	1	0	1
Doctoral	1	0	1
Program Closures Since Fall 1997:	**N=6**	**N=0**	**N=6**
LPN to Associate Degree in Nursing	1	0	1
Associate Degree in Nursing	2	0	2
Generic (Basic) Baccalaureate	2	0	2
RN to BSN	1	0	1

Table 6. Fall 1998 Enrollment by Type of Degree and Student Status (N=531 Respondent Schools).

DEGREE	NUMBER OF SCHOOLS REPORTING	STUDENT STATUS FULL-TIME	PART-TIME	TOTAL
Baccalaureate				
Generic (Entry-Level)	428	67,822	9,857	77,679
RN to Baccalaureate	499	6,148	29,586	35,734
Total Baccalaureate	519	73,970	39,443	113,413
Graduate				
Master's	317	11,123	21,541	32,664
Doctoral	70	1,113	1,815	2,928
Doctor of Nursing (ND)	3	155	110	265
Postdoctoral	17	30	11	41

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Table 7. Graduations from August 1, 1997 to July 31, 1998 by Type of Degree (N=530 Respondent Schools).

DEGREE	NUMBER OF SCHOOLS REPORTING	NUMBER OF GRADUATES
Baccalaureate		
Generic (Entry-Level)	430	27,137
RN to Baccalaureate	501	11,027
Total Baccalaureate	520	38,164
Graduate		
Master's	319	10,765
Doctoral	70	411
Doctor of Nursing (ND)	3	69

Table 8. Enrollment Changes in the Same Schools Reporting in Both 1997 and 1998 by Program Type (N=495).

PROGRAM TYPE	NUMBER OF SCHOOLS	1997 STUDENTS	1998 STUDENTS	INCREASE/ DECREASE	PERCENT CHANGE
BACCALAUREATE					
Generic (Entry-Level)	403				
Full-time		68,279	64,964	-3,315	-4.9
Part-time		10,429	9,399	-1,030	-9.9
SUBTOTAL		78,708	74,363	-4,345	-5.5
RN to Baccalaureate	465				
Full-time		5,345	5,747	402	7.5
Part-time		29,521	27,984	-1,537	-5.2
SUBTOTAL		34,866	33,731	-1,135	-3.3
Total Baccalaureate	483				
Full-time		73,624	70,711	-2,913	-4.0
Part-time		39,950	37,383	-2,567	-6.4
TOTAL		113,574	108,094	-5,480	-4.8
GRADUATE					
Master's	306				
Full-time		10,551	10,887	336	3.2
Part-time		21,849	20,833	-1,016	-4.7
TOTAL		32,400	31,720	-680	-2.1
Doctoral	70				
Full-time		1,120	1,113	-7	-0.6
Part-time		1,786	1,815	29	1.6
TOTAL		2,906	2,928	22	0.8
Doctor of Nursing (ND)	3				
Full-time		214	155	-59	-27.6
Part-time		123	110	-13	-10.6
TOTAL		337	265	-72	-21.4
POSTDOCTORAL	16				
Full-time		29	28	-1	-3.4
Part-time		10	9	-1	-10.0
TOTAL		39	37	-2	-5.1

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Table 9. Graduation Changes in the Same Schools Reporting in Both 1997 and 1998 by Program Type (N=493).[1]

PROGRAM TYPE	NUMBER OF SCHOOLS	1997 GRADUATIONS	1998 GRADUATIONS	INCREASE/ DECREASE	PERCENT CHANGE
Baccalaureate					
Generic (Entry-Level)	406	27,556	26,274	-1,282	-4.7
RN to Baccalaureate	466	10,130	10,516	386	3.8
Total Baccalaureate	483	37,686	36,790	-896	-2.4
Graduate					
Master's	304	10,019	10,446	427	4.3
Doctoral	70	433	411	-22	-5.1
Doctor of Nursing (ND)	3	44	69	25	56.8

[1] The 1997 graduations were from August 1, 1996 to July 31,1997. The 1998 graduations were from August 1, 1997 to July 31, 1998.

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Table 10. Enrollment and Graduation Changes in the Same Schools Reporting in 1997 and 1998 by Program Type and Region.

PROGRAM TYPE REPORTING	NUMBER OF SCHOOLS	1997 STUDENTS	1998 STUDENTS	INCREASE/ DECREASE	PERCENT CHANGE
GENERIC (ENTRY-LEVEL) BACCALAUREATE					
North Atlantic	95				
Full-time		16,670	15,311	-1,359	-8.2
Part-time		2,895	2,822	-73	-2.5
TOTAL		19,565	18,133	-1,432	-7.3
Graduates	94	6,048	5,510	-538	-8.9
Midwestern	125				
Full-time		20,232	18,999	-1,233	-6.1
Part-time		3,197	2,651	-546	-17.1
TOTAL		23,429	21,650	-1,779	-7.6
Graduates	125	8,766	8,134	-632	-7.2
Southern	140				
Full-time		23,501	22,995	-506	-2.2
Part-time		3,417	3,041	-376	-11.0
TOTAL		26,918	26,036	-882	-3.3
Graduates	143	9,712	9,539	-173	-1.8
Western	43				
Full-time		7,876	7,659	-217	-2.8
Part-time		920	885	-35	-3.8
TOTAL		8,796	8,544	-252	-2.9
Graduates	44	3,030	3,091	61	2.0
RN TO BACCALAUREATE					
North Atlantic	121				
Full-time		1,249	1,404	155	12.4
Part-time		13,555	12,814	-741	-5.5
TOTAL		14,804	14,218	-586	-4.0
Graduates	120	2,928	2,998	70	2.4
Midwestern	139				
Full-time		1,506	1,714	208	13.8
Part-time		7,206	6,718	-488	-6.8
TOTAL		8,712	8,432	-280	-3.2
Graduates	140	2,698	2,829	131	4.9
Southern	155				
Full-time		1,876	1,861	-15	-0.8
Part-time		5,544	5,291	-253	-4.6
TOTAL		7,420	7,152	-268	-3.6
Graduates	155	3,013	3,207	194	6.4
Western	50				
Full-time		714	768	54	7.6
Part-time		3,216	3,161	-55	-1.7
TOTAL		3,930	3,929	-1	0.0
Graduates	51	1,491	1,482	-9	-0.6

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Table 10, continued. Enrollment and Graduation Changes in the Same Schools Reporting in 1997 and 1998 by Program Type and Region.

PROGRAM TYPE REPORTING	NUMBER OF SCHOOLS	1997 STUDENTS	1998 STUDENTS	INCREASE/ DECREASE	PERCENT CHANGE
TOTAL BACCALAUREATE					
North Atlantic	124				
Full-time		17,919	16,715	-1,204	-6.7
Part-time		16,450	15,636	-814	-4.9
TOTAL		34,369	32,351	-2,018	-5.9
Graduates	122	8,976	8,508	-468	-5.2
Midwestern	146				
Full-time		21,738	20,713	-1,025	-4.7
Part-time		10,403	9,369	-1,034	-9.9
TOTAL		32,141	30,082	-2,059	-6.4
Graduates	146	11,464	10,963	-501	-4.4
Southern	162				
Full-time		25,377	24,856	-521	-2.1
Part-time		8,961	8,332	-629	-7.0
TOTAL		34,338	33,188	-1,150	-3.3
Graduates	163	12,725	12,746	21	0.2
Western	51				
Full-time		8,590	8,427	-163	-1.9
Part-time		4,136	4,046	-90	-2.2
TOTAL		12,726	12,473	-253	-2.0
Graduates	52	4,521	4,573	52	1.2

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Table 10, continued. Enrollment and Graduation Changes in the Same Schools Reporting in 1997 and 1998 by Program Type and Region.

PROGRAM TYPE REPORTING	NUMBER OF SCHOOLS	1997 STUDENTS	1998 STUDENTS	INCREASE/ DECREASE	PERCENT CHANGE
MASTER'S					
North Atlantic	92				
Full-time		2,375	2,344	-31	-1.3
Part-time		7,350	6,891	-459	-6.2
TOTAL		9,725	9,235	-490	-5.0
Graduates	90	2,741	2,988	247	9.0
Midwestern	81				
Full-time		2,129	2,071	-58	-2.7
Part-time		6,327	6,035	-292	-4.6
TOTAL		8,456	8,106	-350	-4.1
Graduates	81	2,475	2,479	4	0.2
Southern	95				
Full-time		3,972	4,352	380	9.6
Part-time		5,903	5,562	-341	-5.8
TOTAL		9,875	9,914	39	0.4
Graduates	94	3,345	3,361	16	0.5
Western	38				
Full-time		2,075	2,120	45	2.2
Part-time		2,269	2,345	76	3.3
TOTAL		4,344	4,465	121	2.8
Graduates	39	1,458	1,618	160	11.0
DOCTORAL					
North Atlantic	18				
Full-time		250	245	-5	-2.0
Part-time		497	506	9	1.8
TOTAL		747	751	4	0.5
Graduates	18	68	91	23	33.8
Midwestern	17				
Full-time		297	273	-24	-8.1
Part-time		589	562	-27	-4.6
TOTAL		886	835	-51	-5.8
Graduates	17	123	130	7	5.7
Southern	26				
Full-time		297	303	6	2.0
Part-time		584	606	22	3.8
TOTAL		881	909	28	3.2
Graduates	26	153	138	-15	-9.8
Western	9				
Full-time		276	292	16	5.8
Part-time		116	141	25	21.6
TOTAL		392	433	41	10.5
Graduates	9	89	52	-37	-41.6

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Table 11. Five-Year Generic (Entry-Level) Baccalaureate Enrollment and Graduation Changes in the Same 326 Schools by Region, School Designation, and Student Status.

	YEAR					Change Per Year	Significance
	1994	1995	1996	1997	1998		
	Number of Students	Number of Students	Number of Students	Number of Students	Number of Students	Number of Students	*p*-value
North Atlantic							
PUBLIC							
FULL-TIME	6614	6436	6034	5793	5673	-252	0.002
PART-TIME	707	785	757	557	556	-53	0.131
GRADUATES	1945	2102	2161	1970	1809	-40	0.434
SECULAR							
FULL-TIME	5410	5445	5046	4299	3684	-460	0.013
PART-TIME	2023	1898	1748	1653	1683	-92	0.019
GRADUATES	1292	1534	1710	1679	1669	90	0.088
RELIGIOUS							
FULL-TIME	4871	4884	4112	3434	3018	-516	0.006
PART-TIME	533	551	511	319	344	-61	0.050
GRADUATES	1034	1211	1408	1421	1170	48	0.433
Midwest							
PUBLIC							
FULL-TIME	10544	10176	10167	9446	9184	-345	0.008
PART-TIME	1415	1346	1321	1276	1137	-63	0.011
GRADUATES	4280	4082	4019	4058	3840	-90	0.032
SECULAR							
FULL-TIME	1819	1853	1682	1386	1292	-152	0.015
PART-TIME	610	520	411	382	204	-95	0.004
GRADUATES	528	660	620	635	563	4	0.833
RELIGIOUS							
FULL-TIME	7679	7954	6765	6355	5861	-523	0.018
PART-TIME	1245	1269	1329	1090	816	-104	0.108
GRADUATES	2072	2417	2809	2750	2470	113	0.280
South							
PUBLIC							
FULL-TIME	18016	17966	16555	16506	16310	-487	0.031
PART-TIME	3173	2991	3208	2574	2266	-223	0.060
GRADUATES	6600	6789	6624	6471	6486	-55	0.213
SECULAR							
FULL-TIME	700	659	694	642	664	-9	0.311
PART-TIME	38	71	27	38	30	-5	0.457
GRADUATES	228	317	296	347	306	19	0.217
RELIGIOUS							
FULL-TIME	3450	3592	3533	3161	3009	-131	0.086
PART-TIME	478	413	258	357	305	-40	0.160
GRADUATES	1150	1290	1459	1403	1329	47	0.255
West							
PUBLIC							
FULL-TIME	4308	4224	4246	4257	4040	-50	0.123
PART-TIME	438	486	372	438	458	-8	0.962
GRADUATES	1780	1647	1586	1635	1655	-26	0.310
SECULAR							
FULL-TIME	970	724	831	921	876	1	0.981
PART-TIME	97	160	109	243	237	36	0.079
GRADUATES	261	315	279	321	317	12	0.195
RELIGIOUS							
FULL-TIME	1348	1484	1555	1367	1383	-5	0.893
PART-TIME	83	96	119	189	100	13	0.416
GRADUATES	465	523	554	574	590	30	0.008
Total[1]							
FULL-TIME	66263	65918	61723	58083	55527	-2931	0.004
PART-TIME	10867	10596	10191	9136	8169	-686	0.007
TOTAL	77130	76514	71914	67219	63696	-3616	0.003
GRADUATES	21938	23145	23786	23488	22447	136	0.644

[1] Includes four consortium schools not included in the regional data.

Table 12. Five-Year RN to Baccalaureate Enrollment and Graduation Changes in the Same 362 Schools by Region, School Designation, and Student Status.

	YEAR					Change Per Year	Significance
	1994	1995	1996	1997	1998		
	Number of Students	Number of Students	Number of Students	Number of Students	Number of Students	Number of Students	*p*-value
North Atlantic							
PUBLIC							
FULL-TIME	509	494	579	629	614	34	0.040
PART-TIME	2841	3146	3248	3525	3291	128	0.094
GRADUATES	940	813	931	1060	1091	55	0.121
SECULAR							
FULL-TIME	190	175	224	208	212	8	0.254
PART-TIME	4754	4991	5326	5170	5069	81	0.284
GRADUATES	671	766	705	801	815	32	0.086
RELIGIOUS							
FULL-TIME	164	224	153	155	296	19	0.393
PART-TIME	2311	2452	2170	2203	2145	-58	0.165
GRADUATES	457	479	510	532	542	22	0.002
Midwest							
PUBLIC							
FULL-TIME	528	641	555	479	484	-25	0.285
PART-TIME	3513	3353	3177	3066	2892	-153	0.001
GRADUATES	1259	1231	1235	1182	1229	-11	0.269
SECULAR							
FULL-TIME	70	49	33	40	230	31	0.289
PART-TIME	629	639	587	486	299	-81	0.033
GRADUATES	217	233	249	238	176	-8	0.473
RELIGIOUS							
FULL-TIME	645	570	645	729	728	32	0.129
PART-TIME	1915	1674	2157	2112	2053	71	0.306
GRADUATES	590	650	780	757	778	48	0.045
South							
PUBLIC							
FULL-TIME	1299	1451	1347	1350	1410	12	0.597
PART-TIME	3196	3318	3584	3733	3612	125	0.046
GRADUATES	1704	1836	2066	2191	2387	172	0.001
SECULAR							
FULL-TIME	45	36	39	51	68	6	0.135
PART-TIME	37	41	61	53	34	1	0.894
GRADUATES	55	45	59	56	58	2	0.413
RELIGIOUS							
FULL-TIME	98	104	100	119	95	1	0.808
PART-TIME	816	573	448	484	403	-91	0.048
GRADUATES	246	271	334	199	197	-17	0.421
West							
PUBLIC							
FULL-TIME	320	400	360	289	309	-13	0.420
PART-TIME	633	586	613	482	531	-31	0.115
GRADUATES	299	313	394	373	347	16	0.264
SECULAR							
FULL-TIME	24	26	22	22	29	1	0.600
PART-TIME	1417	1771	1745	2154	2203	195	0.012
GRADUATES	326	380	477	602	544	66	0.029
RELIGIOUS							
FULL-TIME	254	281	190	138	118	-41	0.024
PART-TIME	126	213	217	215	107	-4	0.867
GRADUATES	112	102	111	105	201	18	0.206
Total[1]							
FULL-TIME	4164	4534	4268	4244	4619	62	0.398
PART-TIME	22318	22893	23458	23849	22797	191	0.384
TOTAL	26482	27427	27726	28093	27416	253	0.215
GRADUATES	6930	7153	7901	8159	8412	397	0.004

[1] Includes three consortium schools not included in the regional data.

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Table 13. Five-Year Master's Enrollment and Graduation Changes in the Same 259 Schools by Region, School Designation, and Student Status.

	YEAR					Change Per Year	Significance
	1994	1995	1996	1997	1998		
	Number of Students	Number of Students	Number of Students	Number of Students	Number of Students	Number of Students	*p*-value
North Atlantic							
PUBLIC							
FULL-TIME	437	482	583	675	664	65	0.010
PART-TIME	2144	2431	2479	2270	2299	15	0.777
GRADUATES	631	670	781	896	844	65	0.029
SECULAR							
FULL-TIME	627	735	779	809	836	49	0.013
PART-TIME	2772	2951	2960	2673	2499	-82	0.217
GRADUATES	903	1063	955	1065	1189	57	0.092
RELIGIOUS							
FULL-TIME	310	408	402	455	442	31	0.058
PART-TIME	1364	1483	1315	1397	1356	-10	0.678
GRADUATES	406	364	450	484	537	38	0.038
Midwest							
PUBLIC							
FULL-TIME	1061	1259	1281	1443	1355	77	0.062
PART-TIME	4871	4707	4448	4038	3800	-281	0.001
GRADUATES	1209	1383	1505	1631	1631	109	0.009
SECULAR							
FULL-TIME	139	143	222	188	147	6	0.664
PART-TIME	363	427	318	384	414	6	0.728
GRADUATES	223	209	276	279	305	23	0.031
RELIGIOUS							
FULL-TIME	280	337	397	384	392	27	0.060
PART-TIME	997	1253	1191	1297	1258	57	0.144
GRADUATES	276	286	333	396	415	39	0.005
South							
PUBLIC							
FULL-TIME	2583	2868	2828	3038	3344	169	0.014
PART-TIME	5573	5386	4845	4645	4312	-326	0.001
GRADUATES	2158	2287	2492	2596	2525	104	0.035
SECULAR							
FULL-TIME	332	361	423	412	413	21	0.069
PART-TIME	189	205	235	228	291	23	0.026
GRADUATES	206	214	203	234	301	21	0.091
RELIGIOUS							
FULL-TIME	237	244	264	258	283	11	0.021
PART-TIME	594	580	549	553	498	-22	0.018
GRADUATES	200	207	251	285	335	35	0.004
West							
PUBLIC							
FULL-TIME	1655	1708	1753	1530	1527	-43	0.219
PART-TIME	1190	1052	944	865	817	-93	0.003
GRADUATES	905	997	887	1001	950	9	0.641
SECULAR							
FULL-TIME	34	97	144	161	191	38	0.005
PART-TIME	394	496	581	1103	1235	229	0.013
GRADUATES	32	75	192	209	402	87	0.010
RELIGIOUS							
FULL-TIME	301	327	298	260	264	-14	0.106
PART-TIME	189	187	155	161	107	-19	0.034
GRADUATES	122	160	162	171	166	10	0.104
Total[1]							
FULL-TIME	8018	8991	9388	9652	9908	444	0.013
PART-TIME	20680	21195	20066	19662	18977	-493	0.035
TOTAL	28698	30186	29454	29314	28885	-50	0.828
GRADUATES	7295	7927	8511	9270	9614	598	0.001

[1] Includes two consortium schools not included in the regional data.

Table 14. Five-Year Doctoral Enrollment and Graduation Changes in the Same 66 Schools by Region, School Designation, and Student Status.

	YEAR					Change Per Year	Significance
	1994	1995	1996	1997	1998		
	Number of Students	Number of Students	Number of Students	Number of Students	Number of Students	Number of Students	*p*-value
North Atlantic							
PUBLIC							
FULL-TIME	26	39	69	53	58	8	0.157
PART-TIME	94	97	102	141	148	15	0.023
GRADUATES	6	12	6	14	12	1	0.293
SECULAR							
FULL-TIME	109	127	85	111	110	-1	0.813
PART-TIME	372	311	334	291	287	-19	0.063
GRADUATES	49	52	44	43	55	0	0.882
RELIGIOUS							
FULL-TIME	58	65	75	86	77	6	0.064
PART-TIME	42	58	57	46	59	2	0.454
GRADUATES	14	15	13	11	19	1	0.600
Midwest							
PUBLIC							
FULL-TIME	242	264	216	253	237	-2	0.767
PART-TIME	336	328	389	358	355	7	0.442
GRADUATES	60	75	68	87	87	7	0.048
SECULAR							
FULL-TIME	17	31	23	26	25	1	0.573
PART-TIME	101	119	138	155	140	11	0.060
GRADUATES	16	23	16	24	26	2	0.181
RELIGIOUS							
FULL-TIME	14	20	26	18	11	-8	0.723
PART-TIME	66	63	71	76	67	1	0.423
GRADUATES	2	4	5	12	17	4	0.011
South							
PUBLIC							
FULL-TIME	281	258	236	262	267	-2	0.707
PART-TIME	644	615	626	553	575	-20	0.073
GRADUATES	123	137	122	143	131	2	0.521
SECULAR							
FULL-TIME	35	33	11	31	32	-8	0.837
PART-TIME	10	8	34	18	14	2	0.654
GRADUATES	3	0	1	10	7	2	0.210
RELIGIOUS							
FULL-TIME			1	4	4		
PART-TIME			13	13	17		
GRADUATES			0	0	0		
West							
PUBLIC							
FULL-TIME	261	277	309	253	276	1	0.944
PART-TIME	129	104	95	99	116	-3	0.560
GRADUATES	72	59	87	77	45	-4	0.566
SECULAR							
FULL-TIME							
PART-TIME							
GRADUATES							
RELIGIOUS							
FULL-TIME	26	4	21	23	16	<1	0.977
PART-TIME	24	37	23	17	25	-2	0.516
GRADUATES	1	10	4	12	7	1	0.392
Total							
FULL-TIME	1069	1118	1072	1120	1113	9	0.331
PART-TIME	1818	1740	1882	1767	1803	0	0.989
TOTAL	2887	2858	2954	2887	2916	9	0.529
GRADUATES	346	387	366	433	406	17	0.124

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Table 15. Type of Program by Gender of Students Enrolled, Fall 1998.

	UNDERGRADUATE			GRADUATE			
	GEN.	RN	TOTAL BACC.	MAST.	DOCT.	POST DOCT.	ND
SCHOOLS REPORTING =	426	485	514	313	70	14	3
GENDER							
Female	69,246	31,768	101,014	29,593	2,766	28	233
(%)	(89.5)	(91.7)	(90.1)	(92.0)	(94.5)	(90.3)	(87.9)
Male	8,160	2,893	11,053	2,566	162	3	32
(%)	(10.5)	(8.3)	(9.9)	(8.0)	(5.5)	(9.7)	(12.1)
TOTAL	77,406	34,661	112,067	32,159	2,928	31	265
Not Reported	{273}	{1073}	{1346}	{505}	{0}	{10}	{0}

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Table 16. Type of Program by Gender of Graduates, August 1, 1997 to July 31, 1998.

	UNDERGRADUATE			GRADUATE		
	GEN.	RN	TOTAL BACC.	MAST.	DOCT.	ND
SCHOOLS REPORTING =	429	494	518	314	70	3
GENDER						
Female	23,930	9,989	33,919	9,974	395	59
(%)	(88.3)	(91.7)	(89.2)	(93.6)	(96.1)	(85.5)
Male	3,179	907	4,086	686	16	10
(%)	(11.7)	(8.3)	(10.8)	(6.4)	(3.9)	(14.5)
TOTAL	27,109	10,896	38,005	10,660	411	69
Not Reported	{28}	{131}	{159}	{105}	{0}	{0}

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Table 17. Type of Program by Race/Ethnicity of Students Enrolled and Number of Non-Resident Alien Students Enrolled, Fall 1998.

	UNDERGRADUATE			GRADUATE			
	GEN.	RN	TOTAL BACC.	MAST.	DOCT.	POST DOCT.	ND
SCHOOLS REPORTING =	421	489	508	311	69	17	3
RACE/ETHNICITY							
Asian	4,116	931	5,047	1,277	97	2	11
(%)	(5.4)	(2.7)	(4.5)	(4.0)	(3.3)	(4.9)	(4.2)
Black	8,596	3,391	11,987	2,259	167	1	11
(%)	(11.2)	(9.8)	(10.8)	(7.0)	(5.8)	(2.4)	(4.2)
American Indian or Alaskan Native	477	220	697	191	11	0	1
(%)	(0.6)	(0.6)	(0.6)	(0.6)	(0.4)		(0.4)
Hispanic	3,510	1,141	4,651	1,025	42	3	10
(%)	(4.6)	(3.3)	(4.2)	(3.2)	(1.5)	(7.3)	(3.7)
White	56,618	27,081	83,699	25,868	2,279	30	229
(%)	(73.8)	(77.8)	(75.1)	(80.6)	(78.5)	(73.2)	(86.4)
Non-Resident Alien	1,054	209	1,263	285	267	0	3
(%)	(1.4)	(0.6)	(1.1)	(0.9)	(9.2)		(1.1)
Unknown	2,276	1,816	4,092	1,174	39	5	0
(%)	(3.0)	(5.2)	(3.7)	(3.7)	(1.3)	(12.2)	
TOTAL	76,647	34,789	111,436	32,079	2,902	41	265
Not Reported	{1032}	{945}	{1977}	{585}	{26}	{0}	{0}

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Table 18. Type of Program by Race/Ethnicity of Graduates and Number of Non-Resident Alien Graduates, August 1, 1997 to July 31, 1998.

	UNDERGRADUATE			GRADUATE		
	GEN.	RN	TOTAL BACC.	MAST.	DOCT.	ND
SCHOOLS REPORTING =	426	492	514	313	70	3
RACE/ETHNICITY						
Asian	1,357	261	1,618	312	10	3
(%)	(5.0)	(2.4)	(4.3)	(2.9)	(2.4)	(4.4)
Black	2,134	952	3,086	629	26	2
(%)	(7.9)	(8.8)	(8.1)	(6.0)	(6.3)	(2.9)
American Indian or Alaskan Native	145	71	216	59	2	1
(%)	(0.5)	(0.7)	(0.6)	(0.6)	(0.5)	
Hispanic	1,047	319	1,366	257	8	2
(%)	(3.9)	(2.9)	(3.6)	(2.4)	(2.0)	(2.9)
White	21,646	8,970	30,616	8,991	325	59
(%)	(80.3)	(82.6)	(81.0)	(85.3)	(79.1)	(85.5)
Non-Resident Alien	154	50	204	135	33	2
(%)	(0.6)	(0.5)	(0.5)	(1.3)	(8.0)	(2.9)
Unknown	476	230	706	156	7	0
(%)	(1.8)	(2.1)	(1.9)	(1.5)	(1.7)	
TOTAL	26,959	10,853	37,812	10,539	411	69
Not Reported	{178}	{174}	{352}	{226}	{0}	{0}

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Table 19. Enrollment in the Same Schools Reporting in 1997 and 1998 by Type of Program and Race/Ethnicity and the Number of Non-Resident Alien Students.

PROGRAM TYPE/ ETHNICITY	SCHOOLS REPORTING	1997 STUDENTS	(%)	1998 STUDENTS	(%)
BACCALAUREATE					
Generic (Entry-Level)	391				
Asian		4,376	(5.7)	3,994	(5.5)
Black		8,240	(10.7)	8,336	(11.4)
American Indian or Alaskan Native		505	(0.7)	460	(0.6)
Hispanic		3,217	(4.2)	3,254	(4.5)
White		57,632	(75.2)	53,788	(73.7)
Non-Resident Alien		823	(1.1)	1,004	(1.4)
Unknown		1,805	(2.4)	2,091	(2.9)
SUBTOTAL		76,598		72,927	
RN to Baccalaureate	451				
Asian		846	(2.5)	914	(2.8)
Black		3,286	(9.9)	3,199	(9.8)
American Indian or Alaskan Native		162	(0.5)	187	(0.6)
Hispanic		1,008	(3.0)	1,030	(3.2)
White		26,126	(78.7)	25,256	(77.7)
Non-Resident Alien		194	(0.6)	199	(0.6)
Unknown		1,579	(4.8)	1,715	(5.3)
SUBTOTAL		33,201		32,500	
Total Baccalaureate	471				
Asian		5,222	(4.8)	4,908	(4.7)
Black		11,526	(10.5)	11,535	(10.9)
American Indian or Alaskan Native		667	(0.6)	647	(0.6)
Hispanic		4,225	(3.8)	4,284	(4.1)
White		83,758	(76.3)	79,044	(75.0)
Non-Resident Alien		1,017	(0.9)	1,203	(1.1)
Unknown		3,384	(3.1)	3,806	(3.6)
TOTAL		109,799		105,427	

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Table 19, continued. Enrollment in the Same Schools Reporting in 1997 and 1998 by Type of Program and Race/Ethnicity and the Number of Non-Resident Alien Students.

PROGRAM TYPE/ ETHNICITY	SCHOOLS REPORTING	1997 STUDENTS	(%)	1998 STUDENTS	(%)
GRADUATE					
Master's	299				
Asian		1,211	(3.8)	1,263	(4.1)
Black		2,206	(7.0)	2,219	(7.2)
American Indian or Alaskan Native		151	(0.5)	185	(0.6)
Hispanic		956	(3.0)	1,010	(3.3)
White		26,164	(82.7)	24,922	(80.7)
Non-Resident Alien		291	(0.9)	270	(0.9)
Unknown		676	(2.1)	987	(3.2)
TOTAL		31,655		30,856	
Doctoral	69				
Asian		91	(3.1)	97	(3.3)
Black		150	(5.2)	167	(5.8)
American Indian or Alaskan Native		13	(0.5)	11	(0.4)
Hispanic		46	(1.6)	42	(1.5)
White		2,313	(80.1)	2,279	(78.5)
Non-Resident Alien		232	(8.0)	267	(9.2)
Unknown		42	(1.5)	39	(1.3)
TOTAL		2,887		2,902	
Nursing Doctorate	3				
Asian		18	(5.3)	11	(4.2)
Black		14	(4.2)	11	(4.2)
American Indian or Alaskan Native		2	(0.6)	1	(0.4)
Hispanic		3	(0.9)	10	(3.7)
White		296	(87.8)	229	(86.4)
Non-Resident Alien		4	(1.2)	3	(1.1)
Unknown		0		0	
TOTAL		337		265	
POSTDOCTORAL	15				
Asian		0		2	(5.4)
Black		6	(16.2)	1	(2.7)
American Indian or Alaskan Native		0		0	
Hispanic		1	(2.7)	2	(5.4)
White		29	(78.4)	27	(73.0)
Non-Resident Alien		1	(2.7)	0	
Unknown		0		5	(13.5)
TOTAL		37		37	

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Table 20. Graduations in the Same Schools Reporting in 1997 and 1998 by Type of Program and Race/Ethnicity and the Number of Non-Resident Alien Graduates.

PROGRAM TYPE/ ETHNICITY	SCHOOLS REPORTING	1997 GRADUATES	(%)	1998 GRADUATES	(%)
BACCALAUREATE					
Generic (Entry-Level)	400				
Asian		1,215	(4.5)	1,329	(5.1)
Black		1,889	(6.9)	2,067	(8.0)
American Indian or Alaskan Native		147	(0.5)	141	(0.5)
Hispanic		927	(3.4)	998	(3.8)
White		22,438	(82.3)	20,924	(80.5)
Non-Resident Alien		129	(0.5)	129	(0.5)
Unknown		510	(1.9)	424	(1.6)
SUBTOTAL		27,255		26,012	
RN to Baccalaureate	453				
Asian		219	(2.4)	213	(2.3)
Black		740	(8.2)	811	(8.5)
American Indian or Alaskan Native		52	(0.6)	59	(0.6)
Hispanic		242	(2.7)	250	(2.6)
White		7,462	(82.3)	7,938	(83.4)
Non-Resident Alien		50	(0.5)	50	(0.5)
Unknown		296	(3.3)	194	(2.1)
SUBTOTAL		9,061		9,515	
Total Baccalaureate	475				
Asian		1,434	(4.0)	1,542	(4.3)
Black		2,629	(7.2)	2,878	(8.1)
American Indian or Alaskan Native		199	(0.6)	200	(0.6)
Hispanic		1,169	(3.2)	1,248	(3.5)
White		29,900	(82.3)	28,862	(81.3)
Non-Resident Alien		179	(0.5)	179	(0.5)
Unknown		806	(2.2)	618	(1.7)
TOTAL		36,316		35,527	

Table 20, continued. Graduations in the Same Schools Reporting in 1997 and 1998 by Type of Program and Race/Ethnicity and the Number of Non-Resident Alien Graduates.

PROGRAM TYPE/ ETHNICITY	SCHOOLS REPORTING	1997 GRADUATES	(%)	1998 GRADUATES	(%)
GRADUATE					
Master's	297				
Asian		282	(2.9)	293	(3.0)
Black		484	(5.0)	565	(5.7)
American Indian or Alaskan Native		56	(0.6)	55	(0.6)
Hispanic		199	(2.1)	231	(2.3)
White		8,395	(86.9)	8,444	(85.6)
Non-Resident Alien		123	(1.2)	134	(1.3)
Unknown		125	(1.3)	145	(1.5)
TOTAL		9,664		9,867	
Doctoral	70				
Asian		21	(4.8)	10	(2.4)
Black		21	(4.8)	26	(6.3)
American Indian or Alaskan Native		1	(0.3)	2	(0.5)
Hispanic		5	(1.2)	8	(2.0)
White		338	(78.1)	325	(79.1)
Non-Resident Alien		43	(9.9)	33	(8.0)
Unknown		4	(0.9)	7	(1.7)
TOTAL		433		411	
Nursing Doctorate	3				
Asian		2	(4.3)	3	(4.3)
Black		2	(4.3)	2	(2.9)
American Indian or Alaskan Native		1	(2.2)	1	(1.5)
Hispanic		0		2	(2.9)
White		39	(84.9)	59	(85.5)
Non-Resident Alien		2	(4.3)	2	(2.9)
Unknown		0		0	
TOTAL		46		69	

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Table 21. Fall 1998 Enrollment and Graduations from August 1, 1997 to July 31, 1998 of Master's-Level Nursing Students by Major Area of Study (N=317 Respondent Schools).

		ENROLLMENT						GRADUATIONS	
MAJOR AREA OF STUDY[1]	NUMBER OF PROGRAMS	FULL-TIME NUMBER	(%)	PART-TIME NUMBER	(%)	TOTAL NUMBER	(%)	NUMBER	(%)
Administration[2]	168	412	(3.7)	1,610	(7.5)	2,022	(6.2)	712	(6.6)
Case Management[3]	16	173	(1.6)	161	(0.7)	334	(1.0)	50	(0.5)
Informatics	3	28	(0.2)	64	(0.3)	92	(0.3)	21	(0.2)
Health Policy/Mgt	8	20	(0.2)	1,087	(5.1)	1,107	(3.4)	301	(2.8)
Education	88	222	(2.0)	1,016	(4.7)	1,238	(3.8)	355	(3.3)
Clinical Nurse Specialist	165	858	(7.7)	2,677	(12.5)	3,535	(10.8)	1,463	(13.6)
Nurse Practitioner	270	6,993	(62.9)	11,319	(52.6)	18,312	(56.1)	6,190	(57.5)
Combined Nurse Practitioner/ Clinical Nurse Specialist[4, 5]	30	489	(4.4)	1,041	(4.8)	1,530	(4.7)	353	(3.3)
Nurse-Midwifery	33	465	(4.2)	273	(1.3)	738	(2.3)	395	(3.7)
Nurse Anesthesia	30	786	(7.1)	260	(1.2)	1,046	(3.2)	327	(3.0)
Community Health	63	321	(2.9)	604	(2.8)	925	(2.8)	328	(3.0)
Undeclared Major Area	54	173	(1.5)	799	(3.7)	972			
Other Clinical Majors	39	86	(0.8)	234	(1.1)	320	(1.0)	150	(1.4)
Area Not Specified	15	35	(0.3)	127	(0.6)	162	(0.5)	63	(0.6)
Dual Majors	8	24	(0.2)	125	(0.6)	149	(0.5)	8	(0.1)
Dual Degrees	18	17	(0.1)	85	(0.4)	102	(0.3)	40	(0.4)
Other	5	21	(0.2)	21	(0.1)	42	(0.1)	4	0.037
TOTAL		11,123		21,503		32,626		10,760	
Not Reported						{38}[6]		{5}[7]	

[1] Functional or professional role.

[2] Includes Nursing Leadership.

[3] Includes Managed Care and Continuity of Care.

[4] Combined NP/CNS refers to those programs where the NP and CNS roles are merged in the curriculum. Generally, graduates are eligible to sit for both NP and CNS certification examinations.

[5] Information in this report pertaining to nurse practitioners is the result of a collaborative effort between the American Association of Colleges of Nursing and the National Organization of Nurse Practitioner Faculties. All nurse practitioner data are owned jointly by the two organizations.

[6] Fall 1998 master's enrollment (32,664) from Table 6 minus total.

[7] Master's graduations (10,765) from Table 7 minus total.

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Table 22. Enrollment and Graduation Changes of Master's-Level Nursing Students by Major Area of Study in the Same Schools Reporting in Both 1997 and 1998 (N=306 Schools [Enrollment], N=304 Schools [Graduations]).

	1997		1998			
MAJOR AREA OF STUDY[1]	NUMBER OF PROGRAMS	STUDENTS	NUMBER OF PROGRAMS	STUDENTS	INCREASE/ DECREASE	PERCENT CHANGE
Administration	166		161			
Full-time		410		406	-4	-1.0
Part-time		1,837		1,565	-272	-14.8
TOTAL		2,247		1,971	-276	-12.3
Graduates		850		697	-153	-18.0
Case Management[2]	12		17			
Full-time		160		175	15	9.4
Part-time		135		159	24	17.8
TOTAL		295		334	39	13.2
Graduates		44		45	1	2.3
Informatics	2		3			
Full-time		22		28	6	27.3
Part-time		50		64	14	28.0
TOTAL		72		92	20	27.8
Graduates		13		21	8	61.5
Health Policy/Mgt	4		8			
Full-time		8		20	12	>100.0
Part-time		29		1,087	1,058	>100.0
TOTAL		37		1,107	1,070	>100.0
Graduates		26		301	275	>100.0
Education	86		85			
Full-time		184		211	27	14.7
Part-time		1,087		977	-110	-10.1
TOTAL		1,271		1,188	-83	-6.5
Graduates		480		348	-132	-27.5
Clinical Nurse Specialist	153		160			
Full-time		895		831	-64	-7.2
Part-time		3,398		2,631	-767	-22.6
TOTAL		4,293		3,462	-831	-19.4
Graduates		1,604		1,416	-188	-11.7
Nurse Practitioner[3, 4]	257		287			
Full-time		7,300		7,306	6	<1.0
Part-time		11,695		11,884	189	1.6
TOTAL		18,995		19,190	195	1.0
Graduates		5,443		6,304	861	15.8
Nurse-Midwifery	33		33			
Full-time		471		465	-6	-1.3
Part-time		239		273	34	14.2
TOTAL		710		738	28	3.9
Graduates		375		395	20	5.3
Nurse Anesthesia	30		30			
Full-time		719		786	67	9.3
Part-time		253		260	7	2.8
TOTAL		972		1,046	74	7.6
Graduates		355		327	-28	-7.9
Community Health	57		61			
Full-time		276		321	45	16.3
Part-time		620		580	-40	-6.5
TOTAL		896		901	5	<1.0
Graduates		247		325	78	31.6

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Table 22, continued. Enrollment and Graduation Changes of Master's-Level Nursing Students by Major Area of Study in the Same Schools Reporting in Both 1997 and 1998 (N=306 Schools [Enrollment], N=304 Schools [Graduations]).

MAJOR AREA OF STUDY[1]	1997 NUMBER OF PROGRAMS	1997 STUDENTS	1998 NUMBER OF PROGRAMS	1998 STUDENTS	INCREASE/ DECREASE	PERCENT CHANGE
Undeclared	57		50			
Full-time		73		163	90	>100.0
Part-time		976		753	-223	-22.8
TOTAL		1,049		916	-133	-12.7
Graduates						
Other Clinical Majors	26		37			
Full-time		85		82	-3	-3.5
Part-time		276		229	-47	-17.0
TOTAL		361		311	-50	-13.9
Graduates		140		149	9	6.4
Area Not Specified	10		15			
Full-time		4		35	31	>100.0
Part-time		1,066		127	-939	-88.1
TOTAL		1,070		162	-908	-84.9
Graduates		167		63	-104	-62.3
Dual Majors	5		8			
Full-time		7		24	17	>100.0
Part-time		34		125	91	>100.0
TOTAL		41		149	108	>100.0
Graduates		2		8	6	>100.0
Dual Degrees	13		16			
Full-time		25		14	-11	-44.0
Part-time		55		64	9	16.4
TOTAL		80		78	-2	-2.5
Graduates		20		40	20	100.0
Other	3		4			
Full-time		8		12	4	50.0
Part-time		1		17	16	>100.0
TOTAL		9		29	20	>100.0
Graduates		8		0	-8	-100.0
TOTAL						
Full-time		10,647		10,879	232	2.2
Part-time		21,751		20,795	-956	-4.4
TOTAL		32,398		31,674	-724	-2.2
Graduates		9,774		10,439	665	6.8
Not Reported						
TOTAL		{522}		{46}		
Graduates		{245}		{5}		

[1] Functional or professional role.

[2] Includes Managed Care and Continuity of Care.

[3] Nurse Practitioner or Combined Nurse Practitioner/Clinical Nurse Specialist. Combined NP/CNS refers to those programs where the NP and CNS roles are merged in the curriculum. Generally, graduates are eligible to sit for both NP and CNS certification examinations.

[4] Information in this report pertaining to nurse practitioners is the result of a collaborative effort between the American Association of Colleges of Nursing and the National Organization of Nurse Practitioner Faculties. All nurse practitioner data are owned jointly by the two organizations.

Figure 1. Fall 1998 Enrollment in Master's-Level, Post-Master's, and Post-Basic RN (Certificate) Programs (N=22,072).[1]

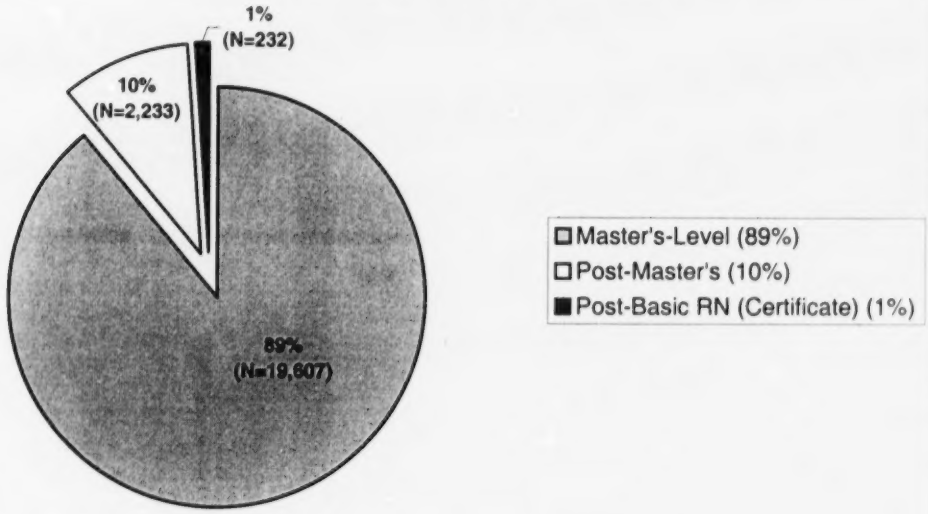
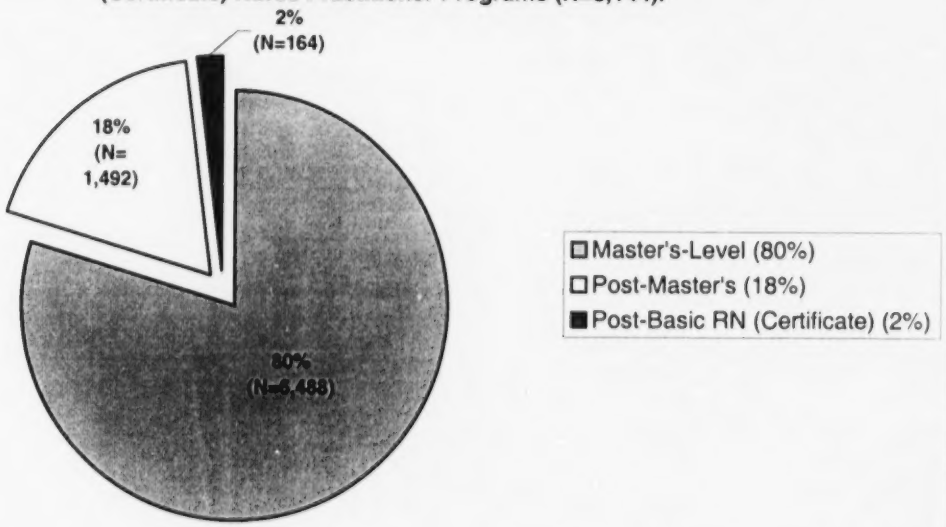


Figure 2. Graduations[2] from Master's-Level, Post-Master's, and Post-Basic RN (Certificate) Nurse Practitioner Programs (N=8,144).[1]



[1] Information in this report pertaining to nurse practitioners is the result of a collaborative effort between the American Association of Colleges of Nursing and the National Organization of Nurse Practitioner Faculties. All nurse practitioner data are owned jointly by the two organizations.

[2] Graduations or completions from August 1, 1997 to July 31, 1998.

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Table 23a. Fall 1998 Enrollment and Graduations from August 1, 1997 to July 31, 1998 of Master's-Level Nurse Practitioner and Combined Nurse Practitioner/Clinical Nurse Specialists by Specialty Area.[1]

MASTER'S-LEVEL:	ENROLLMENT (N=279 Respondent Schools)							GRADUATIONS (N=280 Respondent Schools)	
NURSE PRACTITIONER SPECIALTY	NUMBER OF PROGRAMS[2]	FULL-TIME NUMBER	(%)	PART-TIME NUMBER	(%)	TOTAL NUMBER	(%)	NUMBER	(%)
Family	234	4,145	(56.0)	6,042	(49.5)	10,187	(52.0)	3,361	(51.8)
Adult	110	904	(12.2)	2,586	(21.2)	3,490	(17.8)	1,101	(17.0)
Pediatric	86	652	(8.8)	1,085	(8.9)	1,737	(8.9)	685	(10.5)
Gerontological/Geriatric	67	247	(3.3)	418	(3.4)	665	(3.4)	287	(4.4)
Women's Health	54	319	(4.3)	374	(3.1)	693	(3.5)	254	(3.9)
Neonatal	38	122	(1.7)	121	(1.0)	243	(1.2)	95	(1.5)
School	6	8	(0.1)	29	(0.2)	37	(0.2)	10	(0.1)
Occupational	7	28	(0.4)	24	(0.2)	52	(0.3)	19	(0.3)
Adult Acute Care[3]	52	422	(5.7)	680	(5.6)	1,102	(5.6)	318	(4.9)
Pediatric Acute Care[3]	5	9	(0.1)	18	(0.1)	27	(0.1)	27	(0.4)
Oncology	14	33	(0.4)	89	(0.7)	122	(0.6)	44	(0.7)
Adult or Child/Adolescent Psychiatric/ Mental Health[4]	47	218	(3.0)	374	(3.1)	592	(3.0)	155	(2.4)
NP Dual Tracks[5]	12	140	(1.9)	91	(0.8)	231	(1.2)	77	(1.2)
NP/CNS Dual Tracks[6]	10	79	(1.1)	98	(0.8)	177	(0.9)	45	(0.7)
Other	6	12	(0.2)	18	(0.1)	30	(0.2)	10	(0.2)
Not Specified	9	61	(0.8)	161	(1.3)	222	(1.1)		
TOTAL		7,399		12,208		19,607		6,488	
Not reported						{235}[7]		{55}[8]	

Table 23b. Fall 1998 Enrollment and Completions from August 1, 1997 to July 31, 1998 of Post-Basic RN (Certificate) Nurse Practitioner Students by Specialty Area.[1]

POST-BASIC RN CERTIFICATE:	ENROLLMENT (N=11 Respondents)							COMPLETIONS (N=11 Respondents)	
NURSE PRACTITIONER SPECIALTY	NUMBER OF PROGRAMS[2]	FULL-TIME NUMBER	(%)	PART-TIME NUMBER	(%)	TOTAL NUMBER	(%)	NUMBER	(%)
Family	4	107	(52.5)	3	(10.7)	110	(47.4)	98	(59.8)
Adult	1	1	(0.5)	0	(0.0)	1	(0.4)	0	(0.0)
Women's Health	7	96	(47.1)	25	(89.3)	121	(52.2)	66	(40.2)
TOTAL	12	204		28		232		164	
Not reported						{0}		{0}	

[1] Information in this report pertaining to nurse practitioners is the result of a collaborative effort between the American Association of Colleges of Nursing and the National Organization of Nurse Practitioner Faculties. All nurse practitioner data are owned jointly by the two organizations.

[2] Number of programs offering the specialty, whether or not students are currently enrolled.

[3] Includes Critical Care.

[4] Usually NP/CNS dual track. Graduates are eligible to sit for certification as a psychiatric/mental health CNS and in an NP specialty area.

[5] NP Dual Track indicates that graduates are eligible for certification in two specialty areas.

[6] NP/CNS Dual Track indicates that graduates are eligible for certification in one NP and one CNS specialty area.

[7] Nurse Practitioner and Combined NP/CNS enrollment (19,842) from Table 21 minus total.

[8] Nurse Practitioner and Combined NP/CNS graduations (6,543) from Table 21 minus total.

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Table 24. Fall 1998 Enrollment of Post-Master's Nurse Practitioner Students and Post-Master's Completions from August 1, 1997 to July 31, 1998 by Specialty Area.[1]

NURSE PRACTITIONER SPECIALTY	ENROLLMENT (N=243[2] Respondents) NUMBER OF PROGRAMS[3]	FULL-TIME NUMBER	FULL-TIME (%)	PART-TIME NUMBER	PART-TIME (%)	TOTAL NUMBER	TOTAL (%)	COMPLETIONS (N=244[2] Respondents) NUMBER	COMPLETIONS (%)
Family	198	290	(57.7)	801	(46.3)	1,091	(48.9)	737	(49.4)
Adult	99	96	(19.1)	407	(23.5)	503	(22.5)	319	(21.4)
Pediatric	75	31	(6.2)	125	(7.2)	156	(7.1)	134	(9.0)
Gerontological/Geriatric	54	8	(1.6)	65	(3.8)	73	(3.2)	63	(4.2)
Women's Health	42	16	(3.2)	53	(3.1)	69	(2.0)	25	(1.7)
Neonatal	26	1	(0.2)	10	(0.6)	11	(0.5)	15	(1.0)
School	3	0		4	(0.2)	4	(0.2)	3	(0.2)
Occupational	4	0		1	(0.1)	1	(0.1)	0	
Adult Acute Care[4]	40	16	(3.2)	116	(6.7)	132	(6.0)	85	(5.7)
Pediatric Acute Care[4]	6	0		7	(0.4)	7	(0.3)	10	(0.7)
Oncology	11	1	(0.2)	18	(1.0)	19	(0.9)	9	(0.6)
Adult or Child/Adolescent Psychiatric/ Mental Health[5]	34	7	(1.4)	62	(3.6)	69	(3.1)	45	(3.0)
Nurse-Midwifery	10	12	(2.4)	31	(1.8)	43	(1.9)	27	(1.8)
Anesthesia	3	2	(0.4)	0		2	(0.1)	3	(0.2)
NP Dual Tracks[6]	4	0		2	(0.1)	2	(0.1)	7	(0.5)
NP/CNS Dual Tracks[7]	2	5	(1.0)	7	(0.4)	12	(0.5)	7	(0.5)
Other	7	0		9	(0.5)	9	(0.4)	3	(0.2)
Not Specified	4	18	(3.6)	12	(0.7)	30	(1.3)		
TOTAL		503		1,730		2,233		1,492	

[1] Information in this report pertaining to nurse practitioners is the result of a collaborative effort between the American Association of Colleges of Nursing and the National Organization of Nurse Practitioner Faculties. All nurse practitioner data are owned jointly by the two organizations.

[2] Includes eight respondents that are *not* located in a school or nursing.

[3] Number of programs offering the specialty, whether or not students are currently enrolled.

[4] Includes Critical Care.

[5] Usually NP/CNS dual track. Graduates are eligible to sit for certification as a psychiatric/mental health CNS and in an NP specialty area.

[6] NP Dual Track indicates that graduates are eligible for certification in two specialty areas.

[7] NP/CNS Dual Track indicates that graduates are eligible for certification in one NP and one CNS specialty area.

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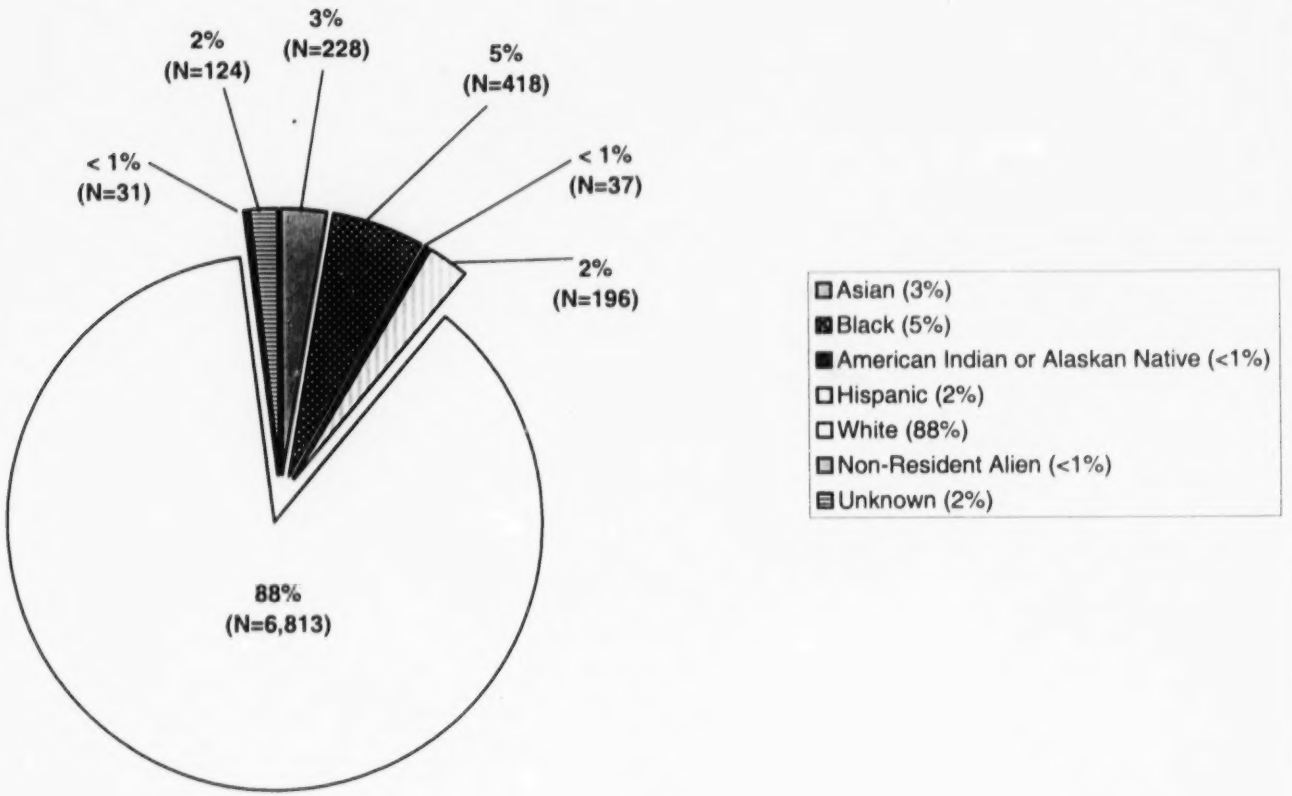
Figure 3. Race/Ethnicity of Master's Graduates; and Post-Master's and Post-Basic RN (Certificate) Completions (N=8,144; Valid N=7,847).[1]



[1] Information in this report pertaining to nurse practitioners is the result of a collaborative effort between the American Association of Colleges of Nursing and the National Organization of Nurse Practitioner Faculties. All nurse practitioner data are owned jointly by the two organizations.

Table 25. Type of Specialty Area by Race/Ethnicity of Master's-Level Nurse Practitioner Graduates, August 1, 1997 to July 31, 1998 (N=280 Respondent Schools).

	NURSE PRACTITIONER SPECIALTY AREA														
RACE/ETHNICITY	Family	Adult	Pediatric	Gerontological/ Geriatric	Women's Health	Neonatal	School	Occupational	Adult Acute Care	Pediatric Acute Care	Oncology	Adult or Child/Adolescent Psychiatric/Mental Health	NP Dual Tracks	NP/CNS Dual Tracks	Other
Asian	75	34	20	20	5	2	0	3	16	0	2	3	0	3	0
(%)	(2.3)	(3.3)	(3.1)	(7.3)	(2.0)	(2.2)		(15.8)	(5.4)		(4.5)	(2.2)		(6.7)	
Black	183	54	24	19	8	4	2	4	10	1	1	11	11	0	0
(%)	(5.5)	(5.2)	(3.7)	(7.0)	(3.3)	(4.4)	(20.0)	(21.0)	(3.4)	(3.7)	(2.3)	(8.1)	(14.3)		
American Indian or Alaskan Native	21	2	5	1	0	0	0	0	1	1	0	0	0	0	0
(%)	(0.6)	(0.2)	(0.8)	(0.4)					(0.4)	(3.7)					
Hispanic	78	27	19	3	1	6	1	0	6	2	1	4	0	1	0
(%)	(2.4)	(2.6)	(2.9)	(1.1)	(0.4)	(6.7)	(10.0)		(2.0)	(7.4)	(2.3)	(2.9)		(2.2)	
White	2,879	892	573	224	224	72	7	11	254	22	40	114	65	41	9
(%)	(87.4)	(85.9)	(88.3)	(82.0)	(91.4)	(80.0)	(70.0)	(57.9)	(86.4)	(81.5)	(90.9)	(83.8)	(84.4)	(91.1)	(100.0)
Non-Resident Alien	7	5	3	3	2	0	0	0	4	0	0	3	1	0	0
(%)	(0.2)	(0.5)	(0.4)	(1.1)	(0.8)				(1.4)			(2.2)	(1.3)		
Unknown	52	24	5	3	5	6	0	1	3	1	0	1	0	0	0
(%)	(1.6)	(2.3)	(0.8)	(1.1)	(2.1)	(6.7)		(5.3)	(1.0)	(3.7)		(0.8)			
TOTAL	3,295	1,038	649	273	245	90	10	19	294	27	44	136	77	45	9
Not Reported	{66}	{63}	{36}	{14}	{9}	{5}	{0}	{0}	{24}	{0}	{0}	{19}	{0}	{0}	{1}

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Table 26. Type of Specialty Area by Race/Ethnicity of Post-Basic RN (Certificate) Nurse Practitioner Completions, August 1, 1997 to July 31, 1998 (N=11 Respondent Schools).[1]

	NURSE PRACTITIONER SPECIALTY AREA		
RACE/ETHNICITY	Family	Adult	Women's Health
Asian	5		0
(%)	(5.1)		(0.0)
Black	1		7
(%)	(1.0)		(10.6)
American Indian or Alaskan Native	0		0
(%)	(0.0)		(0.0)
Hispanic	10		1
(%)	(10.2)		(1.5)
White	82		58
(%)	(83.7)		(87.9)
Non-Resident Alien	0		0
(%)	(0.0)		(0.0)
Unknown	0		0
(%)	(0.0)		(0.0)
TOTAL	98	0	66
Not Reported	{0}		{0}

[1] Information in this report pertaining to nurse practitioners is the result of a collaborative effort between the American Association of Colleges of Nursing and the National Organization of Nurse Practitioner Faculties. All nurse practitioner data are owned jointly by the two organizations.

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Table 27. Type of Specialty Area by Race/Ethnicity of Post-Master's Nurse Practitioner Completions, August 1, 1997 to July 31, 1998 (N=244[1] Respondent Schools).[2]

	NURSE PRACTITIONER SPECIALTY AREA																
RACE/ETHNICITY	Family	Adult	Pediatric	Gerontological/ Geriatric	Women's Health	Neonatal	School	Occupational	Adult Acute Care	Pediatric Acute Care	Oncology	Adult or Child/Adolescent Psychiatric/Mental Health	Nurse-Midwifery	Anesthesia	NP Dual Tracks	NP/CNS Dual Tracks	Other
Asian	15	12	4	1	0	0	0		3	3	2	0	0	0	0	0	0
(%)	(2.1)	(4.0)	(3.0)	(1.6)					(3.9)	(30.0)	(22.2)						
Black	40	15	10	1	1	1	1		3	0	1	2	3	0	0	0	0
(%)	(5.6)	(5.1)	(7.5)	(1.6)	(4.0)	(7.1)	(33.3)		(3.9)		(11.1)	(4.9)	(11.1)				
American Indian or Alaskan Native	5	0	0	0	1	0	0		0	0	0	0	0	0	0	0	0
(%)	(0.7)				(4.0)												
Hispanic	22	7	3	0	0	0	1		0	0	0	1	1	0	0	1	0
(%)	(3.1)	(2.3)	(2.3)				(33.3)					(2.4)	(3.7)			(14.3)	
White	617	258	114	60	23	13	1		71	7	6	34	23	3	7	6	3
(%)	(86.4)	(86.9)	(85.7)	(96.6)	(90.4)	(92.9)	(33.3)		(92.2)	(70.0)	(66.7)	(82.9)	(85.2)	(100.0)	(100.0)	(85.7)	(100.0)
Non-Resident Alien	3	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
(%)	(0.4)																
Unknown	12	5	2	0	0	0	0		0	0	0	4	0	0	0	0	0
(%)	(1.7)	(1.7)	(1.5)									(9.8)					
TOTAL	714	297	133	62	25	14	3	0	77	10	9	41	27	3	7	7	3
Not Reported	(23)	(22)	(1)	(1)	(0)	(1)	(0)		(8)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)

[1] Includes eight respondents that are *not* located in a school of nursing.

[2] Information in this report pertaining to nurse practitioners is the result of a collaborative effort between the American Association of Colleges of Nursing and the National Organization of Nurse Practitioner Faculties. All nurse practitioner data are owned jointly by the two organizations.

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National Organization of Nurse Practitioner Faculties © 1999

Table 28. Schools Reporting the Employment Status of Graduates by Type of Program(s).

PROGRAM	NUMBER OF SCHOOLS[1]	SCHOOLS REPORTING EMPLOYMENT PERCENTAGES		SCHOOLS WITH NO KNOWLEDGE OF EMPLOYMENT STATUS	
		NUMBER	(%)	NUMBER	(%)
Generic Baccalaureate	395	289	(73.2)	106	(26.8)
RN Baccalaureate	444	364	(82.0)	80	(18.0)
Master's[2]	229	179	(78.2)	50	(21.8)
Master's and/or Post-Master's Nurse Practitioner[3]	234	180	(76.9)	54	(23.1)

[1] Number of schools reporting employment data that offer the program and had graduates from August 1, 1997 to July 31, 1998.

[2] Excludes nurse practitioner programs.

[3] Information in this report pertaining to nurse practitioners is the result of a collaborative effort between the American Association of Colleges of Nursing and the National Organization of Nurse Practitioner Faculties. All nurse practitioner data are owned jointly by the two organizations.

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Table 29. Approximate Percentage of Graduates with Employment Commitments Upon Graduation by Type of Program(s) and Region.[1]

	NUMBER OF SCHOOLS	(%)	NUMBER OF SCHOOLS	(%)	NUMBER OF SCHOOLS	(%)	NUMBER OF SCHOOLS	(%)	NUMBER OF SCHOOLS	(%)
	ALL REGIONS		**NORTH ATLANTIC**		**MIDWESTERN**		**SOUTHERN**		**WESTERN**	
GENERIC BACCALAUREATE	**(N=289)**		**(N=53)**		**(N=92)**		**(N=114)**		**(N=30)**	
0 Percent	2	(0.7)	0		1	(1.1)	1	(0.9)	0	
1-25	11	(3.8)	5	(9.4)	4	(4.4)	1	(0.9)	1	(3.3)
26-50	46	(15.9)	12	(22.7)	12	(13.0)	16	(14.0)	6	(20.0)
51-75	49	(17.0)	8	(15.1)	22	(23.9)	14	(12.3)	5	(16.7)
76-90	71	(24.6)	15	(28.3)	20	(21.7)	31	(27.2)	5	(16.7)
91-99	64	(22.1)	7	(13.2)	17	(18.5)	30	(26.3)	10	(33.3)
100	46	(15.9)	6	(11.3)	16	(17.4)	21	(18.4)	3	(10.0)
Mean Percentage Employed	*76.8%*		*69.2%*		*75.7%*		*81.2%*		*76.7%*	
Median Percentage Employed	*85.0%*		*78.0%*		*85.0%*		*90.0%*		*90.0%*	
RN BACCALAUREATE	**(N=364)**		**(N=91)**		**(N=118)**		**(N=122)**		**(N=33)**	
0 Percent	0		0		0		0		0	
1-25	1	(0.3)	0		0		1	(0.8)	0	
26-50	1	(0.3)	0		0		1	(0.8)	0	
51-75	2	(0.6)	1	(1.1)	0		1	(0.8)	0	
76-90	15	(4.1)	5	(5.5)	2	(1.7)	7	(5.8)	1	(3.0)
91-99	38	(10.4)	14	(15.4)	13	(11.0)	9	(7.4)	2	(6.1)
100*	307	(84.3)	71	(78.0)	103	(87.3)	103	(84.4)	30	(90.9)
*The majority of RN Baccalaureate graduates did not leave the workforce while pursuing baccalaureate education.										
Mean Percentage Employed	*98.6%*		*98.5%*		*99.4%*		*97.5%*		*99.5%*	
Median Percentage Employed	*100%*		*100%*		*100%*		*100%*		*100%*	
MASTER'S	**(N=179)**		**(N=44)**		**(N=47)**		**(N=60)**		**(N=28)**	
0 Percent	0		0		0		0		0	
1-25	0		0		0		0		0	
26-50	7	(3.9)	1	(2.3)	2	(4.3)	4	(6.7)	0	
51-75	10	(5.6)	1	(2.3)	2	(4.3)	2	(3.3)	5	(17.9)
76-90	24	(13.4)	6	(13.6)	5	(10.6)	9	(15.0)	4	(14.3)
91-99	28	(15.6)	5	(11.4)	9	(19.1)	11	(18.3)	3	(10.7)
100	110	(61.5)	31	(70.4)	29	(61.7)	34	(56.7)	16	(57.1)
Mean Percentage Employed	*93.5%*		*96.2%*		*93.9%*		*92.0%*		*92.0%*	
Median Percentage Employed	*100%*		*100%*		*100%*		*100%*		*100%*	
MASTER'S AND/OR POST-MASTER'S NURSE PRACTITIONER[2]	**(N=180)**		**(N=47)**		**(N=47)**		**(N=60)**		**(N=26)**	
0 Percent	1	(0.6)	0		0		1	(1.7)	0	
1-25	4	(2.2)	1	(2.1)	0		2	(3.3)	1	(3.9)
26-50	17	(9.4)	8	(17.0)	2	(4.3)	4	(6.7)	3	(11.5)
51-75	30	(16.7)	6	(12.8)	9	(19.1)	10	(16.7)	5	(19.2)
76-90	43	(23.9)	8	(17.0)	11	(23.4)	20	(33.3)	4	(15.4)
91-99	30	(16.7)	9	(19.2)	6	(12.8)	9	(15.0)	6	(23.1)
100	55	(30.5)	15	(31.9)	19	(40.4)	14	(23.3)	7	(26.9)
Mean Percentage Employed	*82.3%*		*80.7%*		*86.7%*		*80.5%*		*81.3%*	
Median Percentage Employed	*90.0%*		*92.0%*		*93.0%*		*85.0%*		*92.5%*	

[1] Number of schools with graduates from August 1, 1997 to July 31, 1998 that reported a percentage of graduates with employment commitments.

[2] Information in this report pertaining to nurse practitioners is the result of a collaborative effort between the American Association of Colleges of Nursing and the National Organization of Nurse Practitioner Faculties. All nurse practitioner data are owned jointly by the two organizations.

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Table 30. Employment Commitment of Graduates[1] Upon Graduation from Doctoral Programs in Nursing (N=362 Graduates).

TYPE OF EMPLOYMENT	NUMBER	(%)
Academic Position		
School of Nursing Faculty	148	(40.9)
Other Faculty Position	9	(2.4)
Postdoctoral Fellowship	8	(2.2)
Joint Faculty Position	0	(0.0)
Non-Academic Position		
Hospital Nursing Service Research or Clinical Position	27	(7.5)
Hospital Nursing Service Administrative or Executive Position	24	(6.6)
Ambulatory (Non-Hospital) Research or Clinical Position	3	(0.8)
Ambulatory (Non-Hospital) Administrative or Executive Position	1	(0.3)
Private Consultation or Consulting Firm	3	(0.8)
Federal or Governmental Agency	2	(0.6)
Business or Industry	1	(0.3)
Military	1	(0.3)
No Employment Commitment	2	(0.6)
Don't Know	129	(35.6)
Other	4	(1.1)
TOTAL	362	
Not Reported	(49)[2]	

[1] Graduates from August 1, 1997 to July 31, 1998.

[2] Doctoral graduations (N=411) from Table 7 minus total.

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Table 31. Qualified Applications (*not* Applicants) Accepted and Enrolled, and Number of Vacant Seats by Type of Program, Fall 1998.

	BACCALAUREATE		MASTER'S			DOCTORAL
NUMBER OF SCHOOLS REPORTING =	GENERIC 383	RN 374	NP 214	CNS 119	OTHER MAJORS 145	64
Seats Available	20,909	4,075	4,601	952	1,572	405
Number of Programs with no Limit on Available Seats	70	242	70	74	84	22
Completed Applications Received	50,806	12,213	9,471	1,710	3,066	933
Applications Meeting Admission Criteria	33,720	10,984	7,756	1,267	2,445	685
Qualified Applications Accepted	27,488	10,603	6,915		2,207	632
Students Enrolled and Registered						
Programs with Seat Limitations	17,086	2,590	3,573	408	925	302
Programs with no Seat Limitations	3,351	6,335	2,049	607	924	169
Vacant Seats[1]	3,823	1,485	1,028	544	647	103
Qualified Applications not Accepted	6,232	381	841	1,267	238	53

[1] Number of seats available minus number enrolled and registered in programs with seat limitations.

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Table 32. Reasons for Not Accepting All Qualified Applicants by Type of Program, Fall 1998.

	BACCALAUREATE		MASTER'S			DOCTORAL
NUMBER OF SCHOOLS REPORTING =	GENERIC 107	RN 15	NP 41	CNS 6	OTHER MAJORS 12	5
REASON	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)
Admission Seats Filled	71 (66.4)	9 (60.0)	26 (63.4)	2 (33.3)	7 (58.3)	5 (100.0)
Insufficient Number of Faculty	40 (37.4)	2 (13.3)	16 (39.0)	0	2 (16.7)	3 (60.0)
Insufficient Clinical Sites	28 (26.2)	0	22 (53.7)	1 (16.7)	7 (58.3)	1 (20.0)
Insufficient Classroom Space	14 (13.1)	1 (6.7)	2 (4.9)	0	1 (8.3)	0
Insufficient Clinical Preceptors	8 (7.5)	0	13 (31.7)	1 (16.7)	2 (16.7)	0
Budget Constraints	2 (1.9)	0	0	0	0	0
Enrollment Caps	3 (2.8)	0	0	0	0	0
Lack of Job Opportunities	2 (1.9)	0	0	0	0	0
Other	2 (1.9)	0	2 (4.9)	3 (50.0)	0	0
Not Reported	{32}	{24}	{23}	{9}	{9}	{12}

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Table 33. Reasons for Insufficient Number of Faculty by Type of Program, Fall 1998.

	BACCALAUREATE		MASTER'S			DOCTORAL
NUMBER OF SCHOOLS REPORTING =	GENERIC 40	RN 2	NP 16	CNS 0	OTHER MAJORS 2	1
REASON	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)
Budgetary Constraints	37 (92.5)	1 (50.0)	12 (75.0)		2 (100.0)	0
Inability to Recruit Faculty Due to Competition for Jobs with Clinical Service Agencies	12 (30.0)	2 (100.0)	6 (37.5)		1 (50.0)	1 (100.0)
Qualified Applicants Unavailable in the Geographic Area	12 (30.0)	0	9 (56.3)		2 (100.0)	0

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Table 34. Most Important Reason for Not Accepting All Qualified Applicants by Type of Program, Fall 1998.

	BACCALAUREATE		MASTER'S			DOCTORAL
NUMBER OF SCHOOLS REPORTING =	GENERIC 90	RN 12	NP 38	CNS 6	OTHER MAJORS 12	5
REASON	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)
Admission Seats Filled	48 (53.3)	6 (49.9)	16 (42.1)	2 (33.3)	5 (41.6)	3 (60.0)
Insufficient Number of Faculty	23 (25.6)	2 (16.7)	9 (23.7)	0	2 (16.7)	1 (20.0)
Insufficient Clinical or Classroom Space	11 (12.2)	2 (16.7)	8 (21.1)	1 (16.7)	2 (16.7)	0
Other	8 (8.9)	2 (16.7)	5 (13.2)	3 (50.0)	3 (25.0)	1 (20.0)
Not Reported	{17}	{3}		{0}	{0}	{0}

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APPENDIX A

List of Schools with Baccalaureate and Graduate Programs in Nursing That Provided Enrollment and Graduations Data for the 1998-1999 Report

NORTH ATLANTIC REGION

CONNECTICUT
- Fairfield University
- Quinnipiac College
- Sacred Heart University
- Saint Joseph College
- Southern Connecticut State University
- University of Connecticut
- University of Hartford
- Western Connecticut State University
- Yale University

DELAWARE
- Delaware State University
- University of Delaware
- Wesley College
- Wilmington College

DISTRICT OF COLUMBIA
- Georgetown University
- Howard University
- The Catholic University of America

MAINE
- Husson College/Eastern Maine Medical Center
- Saint Joseph's College
- University of Maine
- University of Maine-Fort Kent
- University of New England
- University of Southern Maine

MASSACHUSETTS
- Anna Maria College
- Atlantic Union College
- Boston College
- College of Our Lady of the Elms
- Curry College
- Emmanuel College
- Endicott College
- Fitchburg State College
- Framingham State College
- MGH Institute of Health Professions
- Regis College
- Salem State College
- Simmons College
- University of Massachusetts at Amherst
- University of Massachusetts at Boston
- University of Massachusetts at Dartmouth
- University of Massachusetts at Lowell

MASSACHUSETTS, CONTINUED
- University of Massachusetts at Worcester
- Worcester State College

NEW HAMPSHIRE
- Colby-Sawyer College
- Rivier College
- Saint Anselm College

NEW JERSEY
- Bloomfield College
- College of Saint Elizabeth
- Fairleigh Dickinson University
- Felician College
- Kean University
- Monmouth University
- New Jersey City University
- Rutgers, The State University of New Jersey
- Rutgers, The State University of New Jersey at Camden
- Saint Peter's College
- Seton Hall University
- The College of New Jersey
- The Richard Stockton College of New Jersey
- Thomas Edison State College
- William Paterson University

NEW YORK
- Adelphi University
- Binghamton University
- C.W. Post Campus/Long Island University
- College of Mount Saint Vincent
- College of New Rochelle
- College of Staten Island
- Columbia University
- Daemen College
- Dominican College of Blauvelt
- Elmira College
- Hartwick College
- Hunter College of the City University of New York
- Long Island University
- Mercy College
- Molloy College
- Mount Saint Mary College
- Nazareth College of Rochester
- New York Institute of Technology

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NEW YORK, CONTINUED

New York University
Niagara University
Pace University
Plattsburgh State University of New York
Regents College
Roberts Wesleyan College
Saint John Fisher College
Saint Joseph's College
State University of New York at Buffalo
State University of New York at New Paltz
State University of New York at Stony Brook
State University of New York College at Brockport
State University of New York Health Science Center/Syracuse
State University of New York Institute of Technology at Utica/Rome
Syracuse University
Teachers College, Columbia University
The Sage Colleges
University of Rochester
Utica College of Syracuse University
Wagner College

PENNSYLVANIA

Allentown College
Alvernia College
Bloomsburg University
California University of Pennsylvania
Carlow College
Cedar Crest College
College Misericordia
Duquesne University
Eastern College
Edinboro University of Pennsylvania
Gannon University
Gwynedd-Mercy College
Holy Family College
Immaculata College
Kutztown University
La Roche College
La Salle University
Mansfield University
Marywood University
Messiah College
Millersville University
Neumann College
Pennsylvania State University
Saint Francis College
Temple University
Thomas Jefferson University

PENNSYLVANIA, CONTINUED

University of Pennsylvania
University of Pittsburgh
University of Scranton
Villanova University
Waynesburg College
West Chester University
Widener University
Wilkes University
York College of Pennsylvania

RHODE ISLAND

Rhode Island College
Salve Regina University
University of Rhode Island

VERMONT

University of Vermont

MIDWESTERN REGION

ILLINOIS

Aurora University
Concordia-West Suburban College of Nursing
Culver-Stockton/Blessing-Rieman College of Nursing
DePaul University
Elmhurst College
Illinois Wesleyan University
Lakeview College of Nursing
Loyola University of Chicago
MacMurray College
Mennonite College of Nursing
Millikin University
North Park University
Northern Illinois University
Olivet Nazarene University
Rockford College
Rush University
Saint Anthony College of Nursing
Saint Francis Medical Center
Saint Xavier University
Southern Illinois University
Trinity Christian College
Trinity College of Nursing
University of Illinois at Springfield
University of Illinois at Chicago
University of Saint Francis

INDIANA

Anderson University
Ball State University
Bethel College of Indiana
Goshen College
Indiana State University

INDIANA, CONTINUED

- Indiana University
- Indiana University East
- Indiana University Southeast
- Indiana University - Kokomo
- Indiana University - Purdue
- Indiana University - South Bend
- Indiana Wesleyan University
- Marian College
- Purdue University - Calumet Campus
- Saint Mary's College
- The University of Indianapolis
- University of Evansville
- University of Saint Francis
- University of Southern Indiana
- Valparaiso University

IOWA

- Clarke College
- Coe College
- Drake University
- Grand View College
- Iowa Wesleyan College
- Luther College
- Morningside College
- Mount Mercy College
- University of Iowa

KANSAS

- Baker University
- Bethel College of Kansas
- Fort Hays State University
- Kansas Wesleyan University
- MidAmerica Nazarene University
- Newman University
- Pittsburg State University
- University of Kansas Medical Center
- Washburn University
- Wichita State University

MICHIGAN

- Ferris State University
- Grand Valley State University
- Hope/Calvin Colleges
- Lake Superior State University
- Madonna University
- Michigan State University
- Northern Michigan University
- Oakland University
- Saginaw Valley State University
- University of Detroit Mercy
- University of Michigan
- University of Michigan at Flint
- Wayne State University

MINNESOTA

- Augsburg College

MINNESOTA, CONTINUED

- Bemidji State University
- Bethel College
- College of Saint Benedict/Saint John's University
- Metropolitan State University
- Minnesota Intercollegiate Nursing
- Minnesota State University-Mankato
- The College of St. Catherine
- The College of St. Scholastica
- University of Minnesota
- Winona State University

MISSOURI

- Avila College
- Central Methodist College
- Central Missouri State University
- Deaconess College of Nursing
- Graceland College
- Hannibal-LaGrange College
- Jewish Hospital College
- Lester L. Cox College of Nursing
- Lincoln University
- Maryville University-St. Louis
- Missouri Southern State College
- Missouri Western State College
- Research College of Nursing
- Saint Louis University
- Saint Luke's College of Nursing
- Southeast Missouri State University
- Southwest Missouri State University
- University of Missouri-Columbia
- University of Missouri-Kansas City
- University of Missouri-St. Louis
- Webster University
- William Jewell College

NEBRASKA

- Clarkson College
- Creighton University
- University of Nebraska Medical Center

NORTH DAKOTA

- Medcenter One College of Nursing
- Minot State University
- Tri-College University
- University of Mary
- University of North Dakota

OHIO

- Capital University
- Case Western Reserve University
- Cedarville College
- Cleveland State University
- College of Mount St. Joseph
- Kent State University
- Malone College

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OHIO, CONTINUED
- Medical College of Ohio
- Miami University
- Mount Carmel College of Nursing
- Ohio University
- The Ohio State University
- University of Akron
- University of Cincinnati
- Ursuline College
- Walsh University
- Wright State University
- Xavier University
- Youngstown State University

SOUTH DAKOTA
- Augustana College
- Huron University
- Mount Marty College
- Presentation College
- South Dakota State University

WISCONSIN
- Alverno College
- Cardinal Stritch University
- Carroll-Columbia College of Nursing
- Concordia University Wisconsin
- Edgewood College
- Marian College of Fond du Lac
- Marquette University
- University of Wisconsin-Eau Claire
- University of Wisconsin-Green Bay
- University of Wisconsin-Madison
- University of Wisconsin-Milwaukee
- University of Wisconsin-Oshkosh
- Viterbo College

SOUTHERN REGION

ALABAMA
- Auburn University
- Auburn University at Montgomery
- Jacksonville State University
- Samford University
- The University of Alabama
- Troy State University
- University of Alabama at Birmingham
- University of Alabama in Huntsville
- University of North Alabama
- University of South Alabama

ARKANSAS
- Arkansas State University
- Arkansas Tech University
- Harding University
- Henderson State University
- University of Arkansas at Fayetteville

ARKANSAS, CONTINUED
- University of Arkansas at Monticello
- University of Arkansas at Pine Bluff
- University of Arkansas for Medical Sciences
- University of Central Arkansas

FLORIDA
- Barry University
- Bethune-Cookman College
- Florida A&M University
- Florida Atlantic University
- Florida Gulf Coast University
- Florida Southern College
- Florida State University
- Jacksonville University
- Lynn University
- Pensacola Christian College
- The University of West Florida
- University of Central Florida
- University of Florida
- University of Miami
- University of North Florida
- University of South Florida
- University of Tampa

GEORGIA
- Albany State University
- Armstrong Atlantic State University
- Brenau University
- Clayton College & State University
- Columbus State University
- Emory University
- Georgia Baptist College of Nursing
- Georgia College & State University
- Georgia Southern University
- Georgia Southwestern State University
- Georgia State University
- Kennesaw State University
- Medical College of Georgia
- North Georgia College & State University
- Valdosta State University

KENTUCKY
- Berea College
- Eastern Kentucky University
- Kentucky Wesleyan College
- Midway College
- Morehead State University
- Murray State University
- Northern Kentucky University
- Spalding University
- Thomas More College
- University of Kentucky
- University of Louisville
- Western Kentucky University

LOUISIANA
- Dillard University
- Grambling State University
- Louisiana College
- Louisiana State University Medical Center
- McNeese State University
- Northeast Louisiana University
- Northwestern State University
- Our Lady of Holy Cross College
- Southeastern Louisiana University
- Southern University and A&M College
- University of Southwestern Louisiana

MARYLAND
- Bowie State University
- Coppin State College
- Salisbury State University
- The Johns Hopkins University
- Uniformed Services University of the Health Sciences
- University of Maryland

MISSISSIPPI
- Alcorn State University
- Delta State University
- Mississippi College
- University of Mississippi Medical Center
- University of Southern Mississippi
- William Carey College

NORTH CAROLINA
- Barton College
- Duke University
- East Carolina University
- Lenoir-Rhyne College
- North Carolina A&T State University
- North Carolina Central University
- Queens College
- Southeastern North Carolina Nursing
- University of North Carolina-Chapel Hill
- University of North Carolina-Charlotte
- University of North Carolina-Greensboro
- University of North Carolina-Wilmington

OKLAHOMA
- Bartlesville Weslyan College
- Langston University
- Northeastern State University
- Northwestern Oklahoma State University
- Oklahoma City University
- Oral Roberts University
- Southwestern Oklahoma State University
- University of Central Oklahoma
- University of Oklahoma

PUERTO RICO
- Universidad Metropolitana
- Universidad de Puerto Rico

PUERTO RICO, CONTINUED
- Universidad del Sagrado Corazon

SOUTH CAROLINA
- Bob Jones University
- Charleston Southern University
- Clemson University
- Lander University
- Medical University of South Carolina
- University of South Carolina
- University of South Carolina-Aiken
- University of South Carolina-Spartanburg

TENNESSEE
- Austin Peay State University
- Belmont University
- Carson-Newman College
- East Tennessee State University
- Lincoln Memorial University
- Middle Tennessee State University
- Tennessee State University
- Tennessee Technological University
- Union University
- University of Memphis
- University of Tennessee-Chattanooga
- University of Tennessee-Knoxville
- University of Tennessee-Martin
- University of Tennessee-Memphis
- Vanderbilt University

TEXAS
- Abilene Intercollegiate School
- Angelo State University
- Baylor University
- Houston Baptist University
- Lamar University
- Lubbock Christian University
- Prairie View A & M University
- Southwestern Adventist University
- Texas A&M International University
- Texas A&M University-Corpus Christi
- Texas Christian University
- Texas Tech University Health Sciences Center
- Texas Woman's University
- University of Mary Hardin-Baylor
- University of Texas-Arlington
- University of Texas-Austin
- University of Texas at Brownsville-Texas Southmost College
- University of Texas-El Paso
- University of Texas-Galveston
- University of Texas-Pan American
- University of Texas-Tyler
- University of Texas Health Science Center-San Antonio

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TEXAS, CONTINUED
- University of Texas Health Science Center-Houston
- University of the Incarnate Word

VIRGIN ISLANDS
- University of the Virgin Islands

VIRGINIA
- Christopher Newport University
- Clinch Valley College
- College of Health Sciences
- Eastern Mennonite University
- George Mason University
- James Madison University
- Liberty University
- Lynchburg College
- Old Dominion University
- Radford University
- University of Virginia
- Virginia Commonwealth University

WEST VIRGINIA
- Alderson-Broaddus College
- Bluefield State College
- Fairmont State College
- Marshall University
- The College of West Virginia
- University of Charleston
- West Virginia Institute of Technology
- West Virginia University

WESTERN REGION

ALASKA
- University of Alaska Anchorage

ARIZONA
- Arizona State University
- University of Arizona
- University of Phoenix

CALIFORNIA
- Azusa Pacific University
- Biola University
- California State University-Bakersfield
- California State University-Chico
- California State University-Hayward
- California State University-Stanislaus
- Dominican College of San Rafael
- Holy Names College
- Humboldt State University
- Loma Linda University
- Mt. St. Mary's College
- Samuel Merritt-Saint Mary's Intercollegiate Nursing Program
- San Diego State University
- San Francisco State University

CALIFORNIA, CONTINUED
- San Jose State University
- Sonoma State University
- University of California-Los Angeles
- University of California-San Francisco
- University of San Diego
- University of Southern California
- Western University of Health Sciences

COLORADO
- Beth-El College of Nursing
- Mesa State College
- Metropolitan State College
- Regis University
- University of Colorado Health Science Center
- University of Northern Colorado

GUAM
- University of Guam

HAWAII
- Hawaii Pacific University
- University of Hawaii at Manoa

IDAHO
- Boise State University
- Lewis-Clark State College

MONTANA
- Carroll College
- Montana State University

NEVADA
- University of Nevada-Las Vegas
- University of Nevada-Reno

NEW MEXICO
- Eastern New Mexico University
- New Mexico State University

OREGON
- Linfield College
- Oregon Health Sciences University
- University of Portland
- Walla Walla College

UTAH
- Brigham Young University
- University of Utah
- Weber State University
- Westminster College

WASHINGTON
- Gonzaga University
- Intercollegiate Center for Nursing Education
- Pacific Lutheran University
- Seattle University
- University of Washington

WYOMING
- University of Wyoming

APPENDIX B

List of Entities Other Than Schools of Nursing That Provided Data on Nurse Practitioners for the 1998-1999 Report

CALIFORNIA

San Jose State University Education Program Associates, Inc.
Stanford University Medical Center Primary Care Associate Program
University of California, Davis NP/PA Program
University of California, Irvine College of Medicine
University of California, San Diego Division of Graduate Nursing Education

COLORADO

Planned Parenthood of the Rocky Mountains

DISTRICT OF COLUMBIA

George Washington University Post-MSN Nurse Practitioner Program

IOWA

Family Planning Council of Iowa Women's Health Care NP Program

INDIANA

Indiana Family Health Services

MINNESOTA

Women's Health Care Nurse Practitioner Program

NEW YORK

Community General Hospital of Greater Syracuse

PENNSYLVANIA

Planned Parenthood Foundation of America, Inc.

TEXAS

University of Texas Southwestern Medical Center, Dallas

WISCONSIN

Planned Parenthood of Wisconsin, Inc.

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